

Instructions for use



Let's make things better.

PHILIPS MAGNAVOX

Return your Warranty Registration card today to ensure you receive all the benefits you're entitled to.

Once your PHILIPS MAGNAVOX purchase is registered, you're eligible to receive all the privileges of owning a PHILIPS MAGNAVOX product. So complete and return the Warranty Registration Card enclosed with your purchase at once. And take advantage of these important benefits.

Warranty Verification

Registering your product within 10 days confirms your right to maximum protection under the terms and conditions of your PHILIPS MAGNAVOX warranty.

Owner Confirmation

Your completed Warranty Registration Card serves as verification of ownership in the event of product theft or loss.

Model Registration

Returning your Warranty Registration Card right away guarantees you'll receive all the information and special offers which you qualify for as the owner of your model.

Congratulations on your purchase, and welcome to the "family!"

PHILIPS MAGNAVOX



Dear PHILIPS MAGNAVOX product owner:

Thank you for your confidence in PHILIPS MAGNAVOX. You've selected one of the best-built, bestbacked products available today. And we'll do everything in our power to keep you happy with your purchase for many years to come.

As a member of the PHILIPS MAGNAVOX "family," you're entitled to protection by one of the most comprehensive warranties and outstanding service networks in the industry.

What's more, your purchase guarantees you'll receive all the information and special offers for which you qualify, plus easy access to accessories from our convenient home shopping network.

And most importantly you can count on our uncompromising commitment to your total satisfaction. All of this is our way of saying welcome—and thanks for investing in a PHILIPS MAGNAVOX product. Sincerely,

Robert Minkhorst President and Chief Executive Officer

P.S. Remember, to get the most from your PHILIPS MAGNAVOX product, you must return your Warranty Registration Card within 10 days. So please mail it to us right now!

Know these **Safety** symbols



This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, and fully insert.

ATTENTION: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

SAFETY INSTRUCTIONS - Read before operating equipment

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

- 1. **Read Instructions** All the safety and operating instructions should be read before the appliance is operated.
- 2. **Retain Instructions** The safety and operating instructions should be retained for future reference.
- 3. Heed Warnings All warnings on the appliance and in the operating instructions should be adhered to.
- 4. Follow Instructions All operating and use instructions should be followed.
- 5. Water and Moisture The appliance should not be used near water for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool, etc.
- 6. Carts and Stands The appliance should be used only with a cart or stand that is recommended by the manufacturer.



6A.

An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

- **6B. Tilt/Stability** All televisions must comply with recommended international global safety standards for tilt and stability properties of its cabinet design.
 - Do not compromise these design standards by applying excessive pull force to the front, or top, of the cabinet which could ultimately overturn the product.
 - Also, do not endanger yourself, or children, by placing electronic equipment/toys on the top of the cabinet. Such items could unsuspectingly fall from the top of the set and cause product damage and/or personal injury.
- 7. Wall or Ceiling Mounting The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
- 8. Ventilation The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
- 9. Heat The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- **10.** Power Sources The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

- **11. Power-Cord Protection** Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.
- **12.** Cleaning The appliance should be cleaned only as recommended by the manufacturer.
- **13. Power Lines** An outdoor antenna should be located away from power lines.
- 14. Outdoor Antenna Grounding If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges.

Section 810 of the National Electric Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mats and supporting structure grounding of the lead-in wire to an antenna discharge unit, size of grounding connectors, location of antennadischarge unit, connection to grounding electrodes and requirements for the grounding electrode. See Fig. below.

- Non-use Periods The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
- **16. Object and Liquid Entry** Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
- 17. Damage Requiring Service The appliance should be serviced by qualified service personnel when:
 - A. The power supply cord or the plug has been damaged; or
 - B. Objects have fallen, or liquid has been spilled into the appliance; or
 - C. The appliance has been exposed to rain; or
 - **D.** The appliance does not appear to operate normally or exhibits a marked change in performance; or
 - E. The appliance has been dropped, or the enclosure damaged.
- **18. Servicing** The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

Note to the CATV system installer: This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

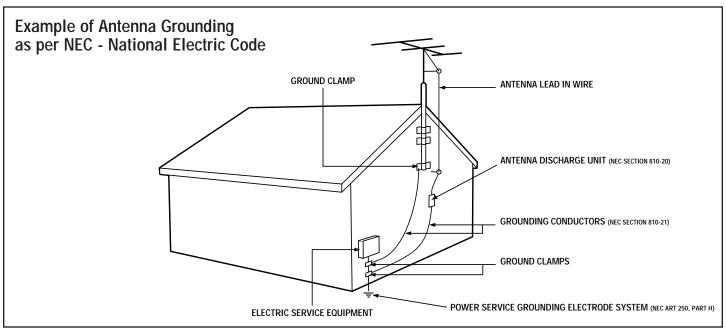


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FEATURES

Infrared Remote Control works your TV and other remote controlled devices, including VCRs, DVD Players, Cable Converters, and Satellite Receivers.

Standard broadcast (VHF/UHF) or Cable TV (CATV) channel capability

Stereo-Ready TV with built-in audio amplifier and twin speaker system for receiving TV programs broadcast in stereo sound

Closed Captioning allows the viewer to read TV program dialogue or voice conversations as on-screen text.

Automatic Programming of Channels for quick and easy selection of favorite stations available in your area

On-Screen Menu (in English, French, or Spanish) shows helpful messages and instructions for setting TV features.

Audio/Video Jack Panel allows direct connections with VCRs (or other video accessories), providing quality TV picture and sound playback.

On Timer automatically turns the TV ON to a preset channel at a preset time.

Sleep Timer automatically turns the TV OFF at a preset time.

SmartLock allows you to block the viewing of certain channels or programs with certain ratings if you do not want your children to view inappropriate material.

SmartPicture allows you to change the picture settings (color, tint, contrast, etc.) for various types of programming, such as Sports, Movies, Multimedia (Games), or Weak Signals, with the push of one button.

SmartSound controls the sudden volume changes during program changes and commercials. It eliminates the peaks and valleys in the TV's sound and creates one pleasant listening level. You also may tailor the SmartSound setting to the type of program you are watching (Music, Theatre, etc.).

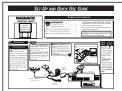
Picture-In-Picture (PIP) allows you to view two different programs (or picture sources) on the TV screen at the same time. PIP will also let you swap the pictures, move the PIP window to any of the four corners of the screen, or freeze the picture until you shut it off.

QUICK USE AND INSTALLATION GUIDE

Use the simple Quick Use and Installation Guide (supplied with your TV information

packet) for details on:

 Cable/Antenna Hookups



- Automatic Channel Programming
- Channel Editing
- Automatic Clock Setting (SmartClock)
- Basic TV and Remote Control Operation
- On-Screen Menu Language Selection

NOTE: This owner's manual is used with several different television models. Not all features (and drawings) discussed in this manual will necessarily match those found with your television system. This is normal and does not require you contacting your dealer or requesting service.

END-OF-LIFE DISPOSAL

Your new television and its packing contain materials that can be recycled and reused. Specialized companies can recycle your product to increase the amount of reusable materials and minimize the amounts which need to be properly disposed.

Your product also uses batteries which should not be thrown away when depleted, but should be handed in and disposed of as small chemical waste.

Please find out about the local regulations on how to dispose of your old television, batteries, and packing materials whenever you replace existing equipment.

ADJUSTING THE TV PICTURE

T o adjust your TV picture controls, select a channel and follow the steps shown below:

(BEGIN)

Press the MENU button on the remote to show the on-screen menu. Press the CURSOR DOWN ■ button on the remote to highlight the word PICTURE.

 Press the CURSOR RIGHT
 button and the menu will shift to the right to display an adjustment bar in front of the BRIGHTNESS control.

Use the CURSOR LEFT or RIGHT b buttons to adjust the BRIGHTNESS level of the picture.

After adjusting the BRIGHT-NESS control, press the CURSOR DOWN ■ button to select another Picture adjustment: COLOR, PIC-TURE, SHARPNESS, TINT, or COLOR TEMP. Use the CURSOR LEFT ◀◀ or CURSOR RIGHT ▶ buttons to adjust the selected control.

5 Press the STATUS/EXIT button to remove the menu from the screen.



SMART HELP

Remember, when the bar scale is centered, the control settings are at normal mid-range levels.

BRIGHTNESS Press the >> or << body>

buttons until darkest parts of the picture are as bright as you prefer.

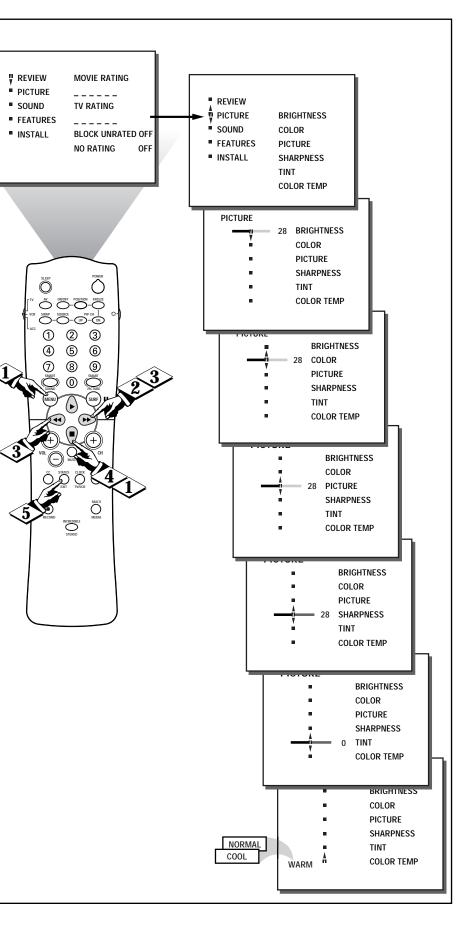
<u>COLOR</u> Press the $\triangleright \triangleright$ or $\triangleleft \triangleleft$ buttons to add or eliminate color.

<u>PICTURE</u> Press the >> or $\triangleleft \triangleleft$ buttons until lightest parts of the picture show good detail.

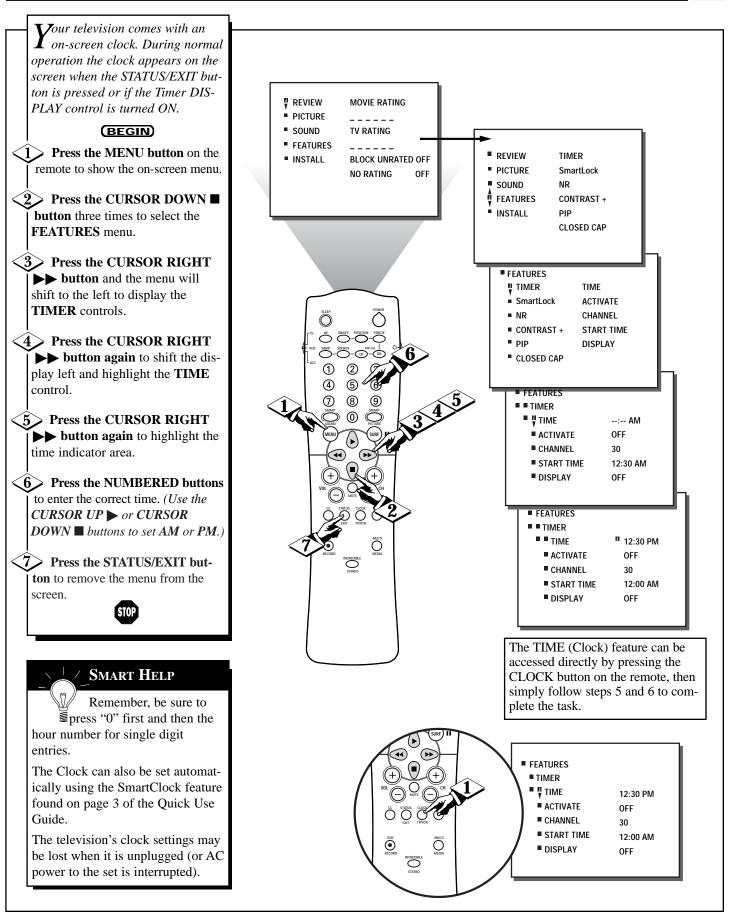
<u>SHARPNESS</u> Press the ►► or ◄◄ buttons to improve detail in the picture.

TINT Press the $\triangleright \triangleright$ or $\triangleleft \triangleleft$ buttons to obtain natural skin tones.

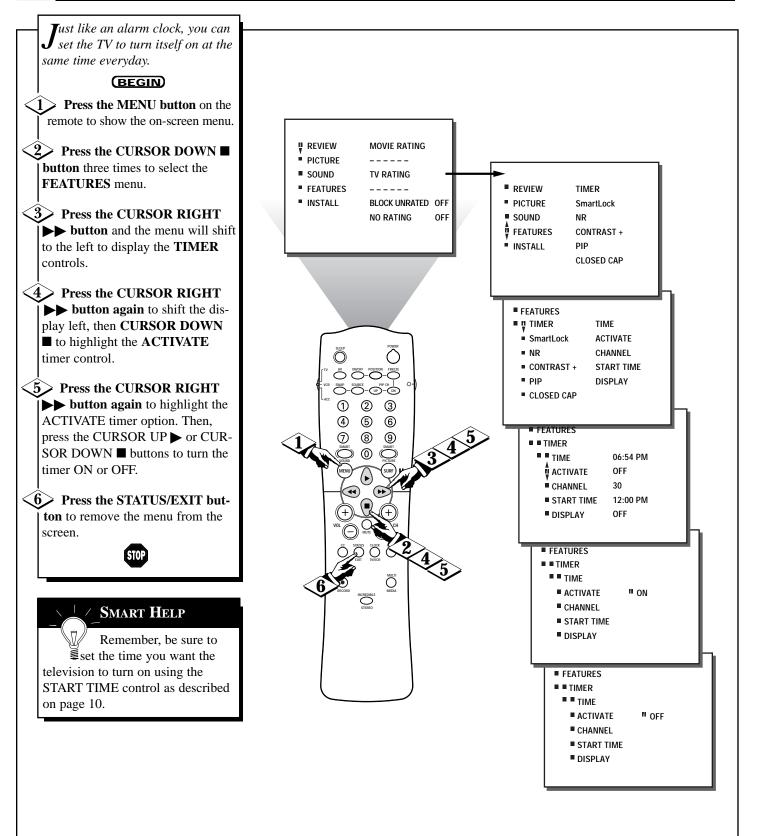
<u>COLOR TEMP</u> Press the → or buttons to select NORMAL, COOL, or WARM picture preferences. (NORMAL will keep the whites, white; COOL will make the whites, bluish; and WARM will make the whites, reddish.)



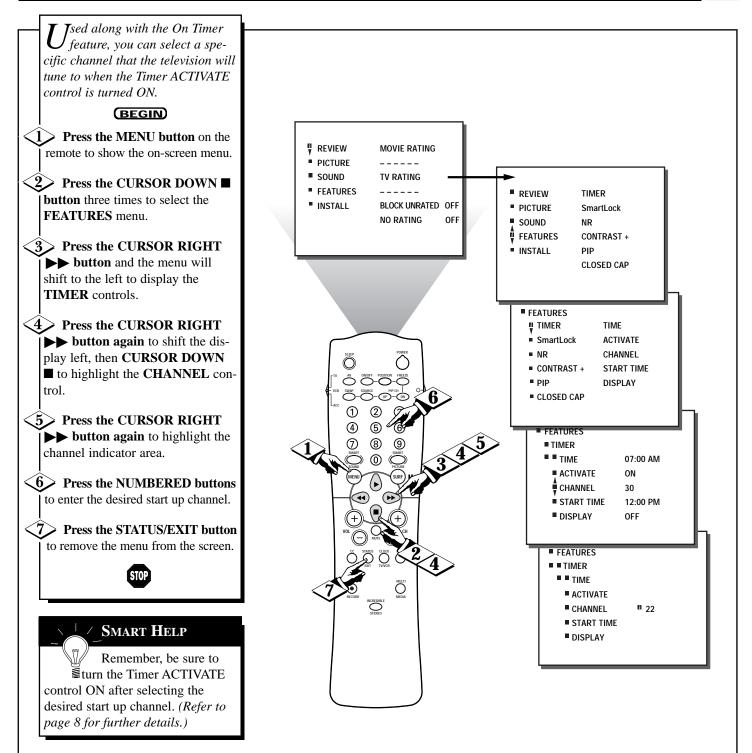
SETTING THE TV'S CLOCK



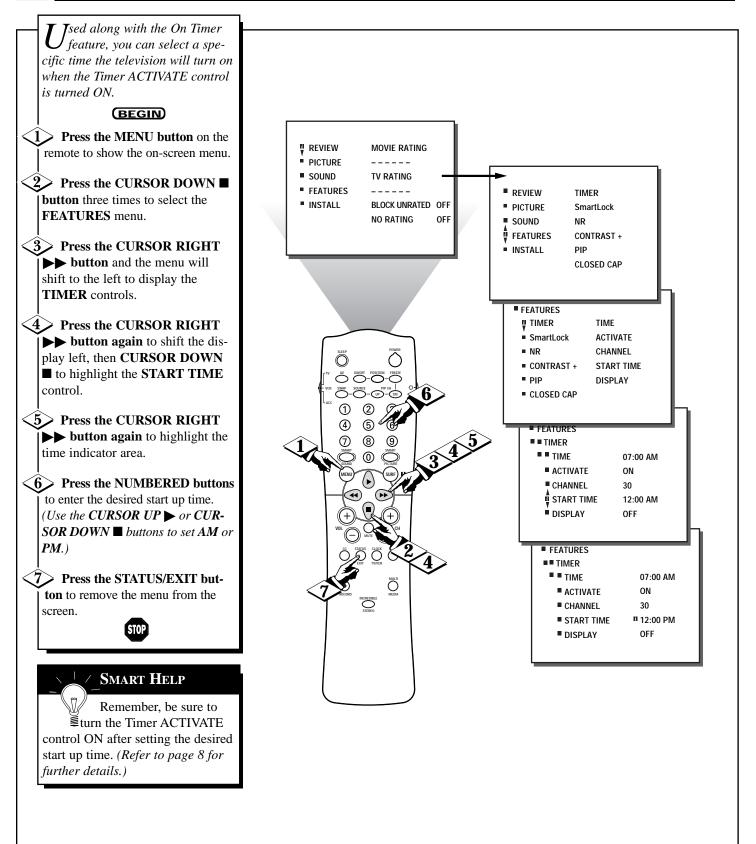
ACTIVATING THE TV'S ON TIMER CONTROL

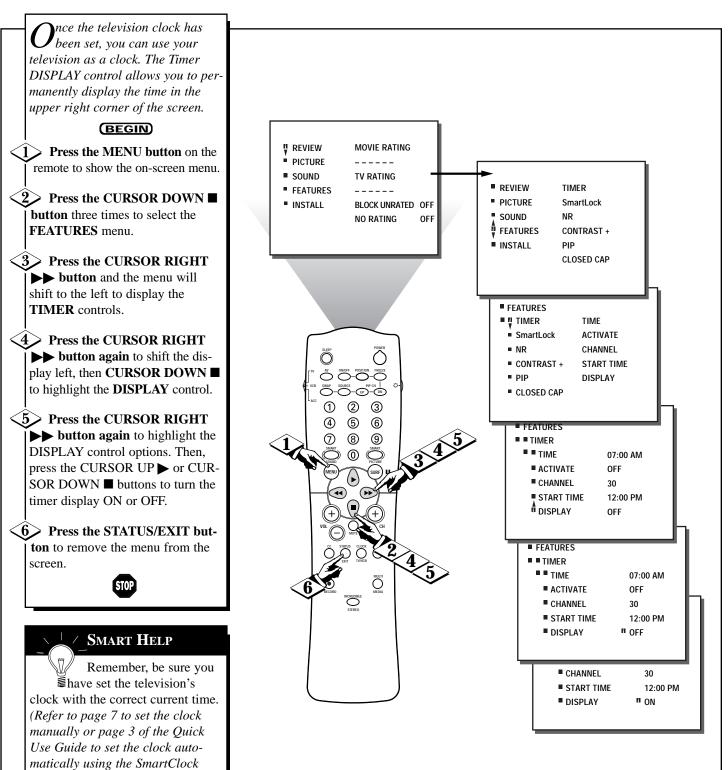


SELECTING THE TV'S ON TIMER CHANNEL



SETTING THE TV'S ON TIMER START TIME





feature.)

UNDERSTANDING SMARTLOCK

The SmartLock feature receives and processes data sent by broadcasters, or other program providers, that contain program content advisories. When programmed by the viewer, a TV with SmartLock can respond to the content advisories and block program content that may be found objectionable (such as offensive language, violence, sexual situations, etc.). This is a great feature to censor the type of programming children may watch.

Over the next few pages, you'll learn how to block channels and certain rated programming, as well as learn to turn these blocking features on or off. Below is a brief explanation of some terms and ratings you will find in the SmartLock feature.

SmartLock offers various Blocking Options from which to choose:

BLOCKING: This is what might be called the "master switch" for SmartLock. When BLOCKING is OFF, ALL blocking/censoring is disabled. When BLOCKING is ON, ALL blocking based on specific settings will take place.

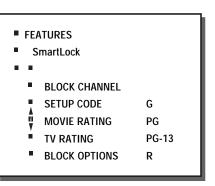
BLOCK UNRATED: ALL unrated programs will be blocked if this feature is set to ON.

UNRATED programming is encoded with information from the MPAA or TV broadcasters, but it does not have a specific rating. In other words, the MPAA or the TV broadcasters have chosen not to assign a rating to the programming.

NO RATING: ALL programming with no content advisory data can be blocked if NO RATING is set to ON.

Programming that has No Rating is not encoded with any rating information from the MPAA or the Parental Guidelines. Any programming could fall into this category.

You also can block individual channels or block programming based on ratings of the MPAA and TV broadcasters. (See description of ratings on this page.)



■ FEATURES			
■ S	martLock		
•	BLOCK CHANNEL		
•	SETUP CODE	TV-Y	
	MOVIE RATING	TV-Y7	
. Į	TV RATING	TV-G	
	BLOCK OPTIONS	TV-PG	

MOVIE RATINGS

(MOTION PICTURE ASSOCIATION OF AMERICA)

G: General Audience - All ages admitted. Most parents would find this program suitable for all ages. This type of programming contains little or no violence, no strong language, and little or no sexual dialogue or situations.

PG: Parental Guidance Suggested - This programming contains material that parents may find unsuitable for younger children. It may contain one or more of the following: Moderate violence, some sexual situations, infrequent coarse language, or some suggestive dialogue.

PG-13: Parents Strongly Cautioned - This programming contains material that parents may find unsuitable for children under the age of 13. It contains one or more of the following: violence, sexual situations, coarse language, or suggestive dialogue.

R: Restricted -This programming is specifically designed for adults. Anyone under the age of 17 should only view this programming with an accompanying parent or adult guardian. It contains one or more of the following: intense violence, intense sexual situations, strong coarse language, or intensely suggestive dialogue.

NC-17: No one under the age of 17 will be admitted. - This type of programming should be viewed by adults only. It contains graphic violence, explicit sex, or crude indecent language.

X: Adults Only - This type of programming contains one or more of the following: very graphic violence, very graphic and explicit or indecent sexual acts, very coarse and intensely suggestive language.

TV PARENTAL GUIDELINES (TV BROADCASTERS)

TV-Y - (All children -- This program is designed to be appropriate for all children.) Designed for a very young audience, including children ages 2-6. This type of programming is not expected to frighten younger children.

TV-Y7 - (Directed to Older Children -- This program is designed for children age 7 and above.) It may be more appropriate for children who have acquired the development skills needed to distinguish between make-believe and reality. This programming may include mild fantasy and comic violence (FV).

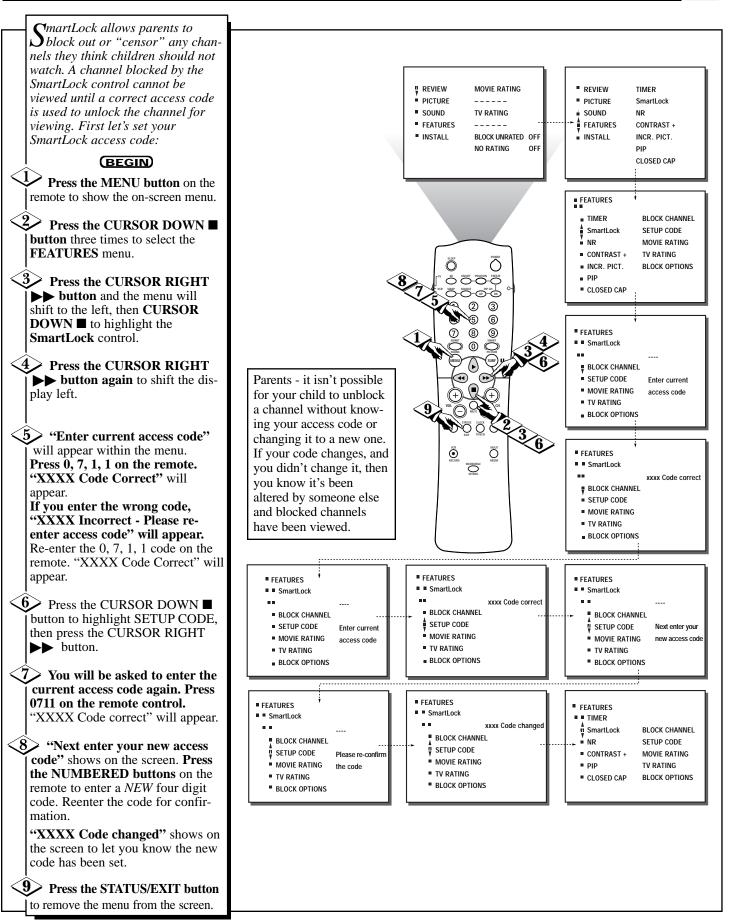
TV-G - (General Audience -- Most parents would find this program suitable for all ages.) This type of programming contains little or no violence, no strong language, and little or no sexual dialogue or situations.

TV-PG - (Parental Guidance Suggested -- This program contains material that parents may find unsuitable for younger children.) This type of programming contains one or more of the following: Moderate violence (V), some sexual situations (S), infrequent coarse language (L), or some suggestive dialogue (D).

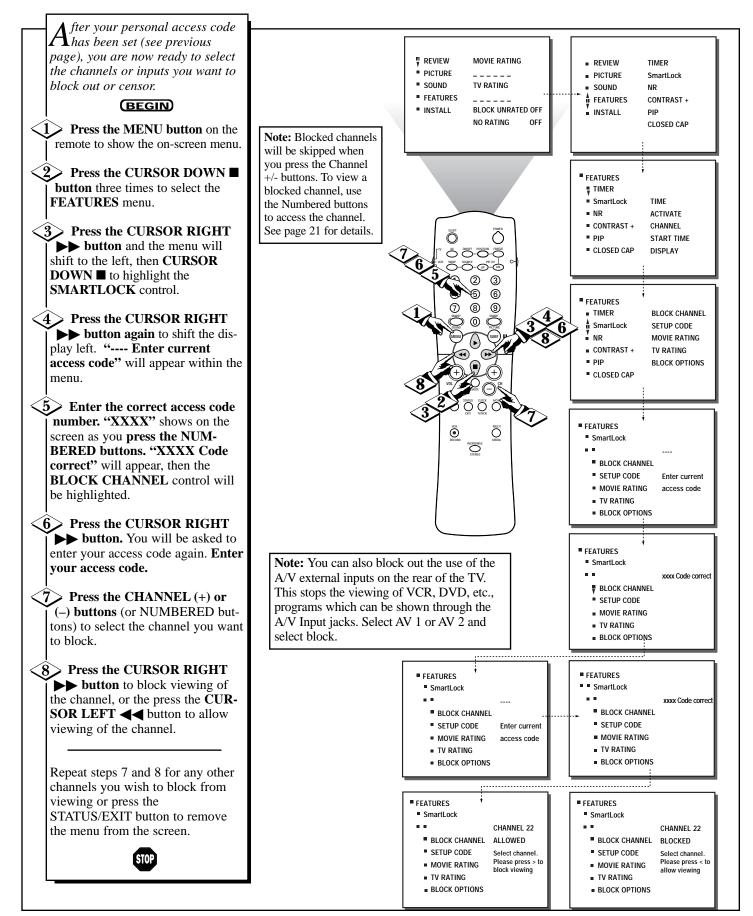
TV-14 - (Parents Strongly Cautioned -- This program contains some material that many parents would find unsuitable for children under 14 years of age.) This type of programming contains one or more of the following: intense violence (V), intense sexual situations (S), strong coarse language (L), or intensely suggestive dialogue (D).

TV-MA - (Mature Audience Only --This program is specifically designed to be viewed by adults and therefore may be unsuitable for children under 17.) This type of programming contains one or more of the following: graphic violence (V), explicit sexual situations (S), or crude indecent language (L).

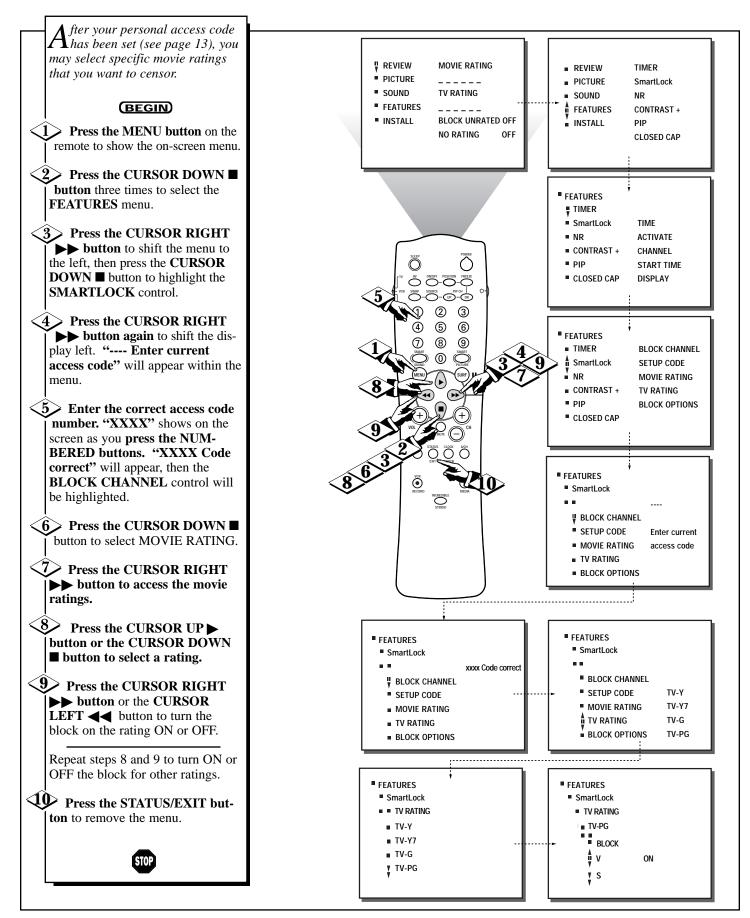
USING SMARTLOCK - SETTING UP THE ACCESS CODE



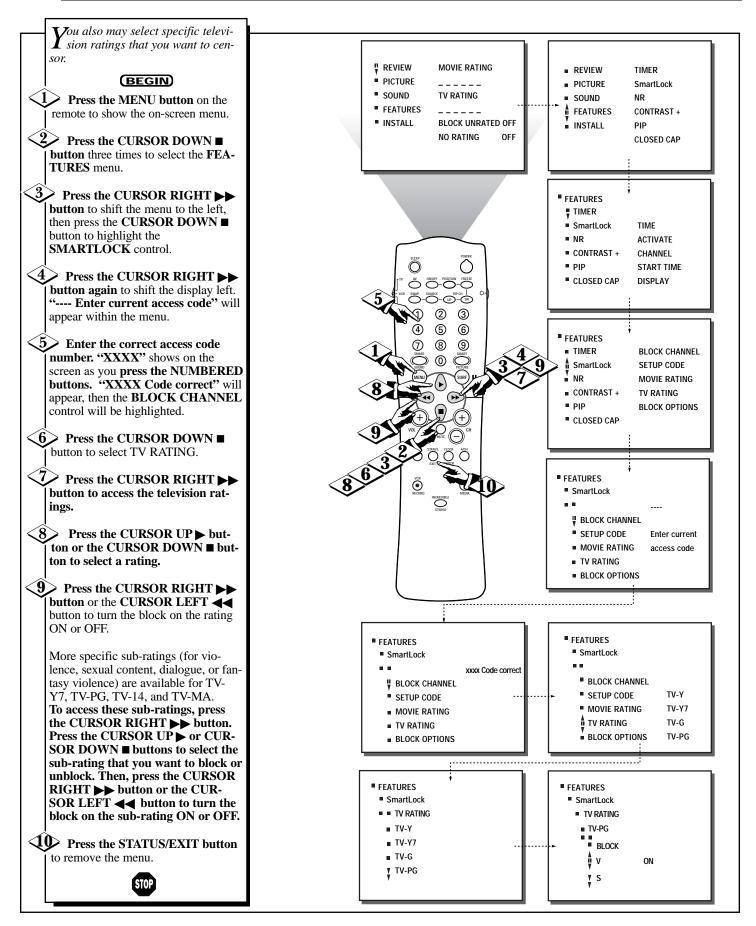
USING SMARTLOCK - BLOCKING CHANNELS



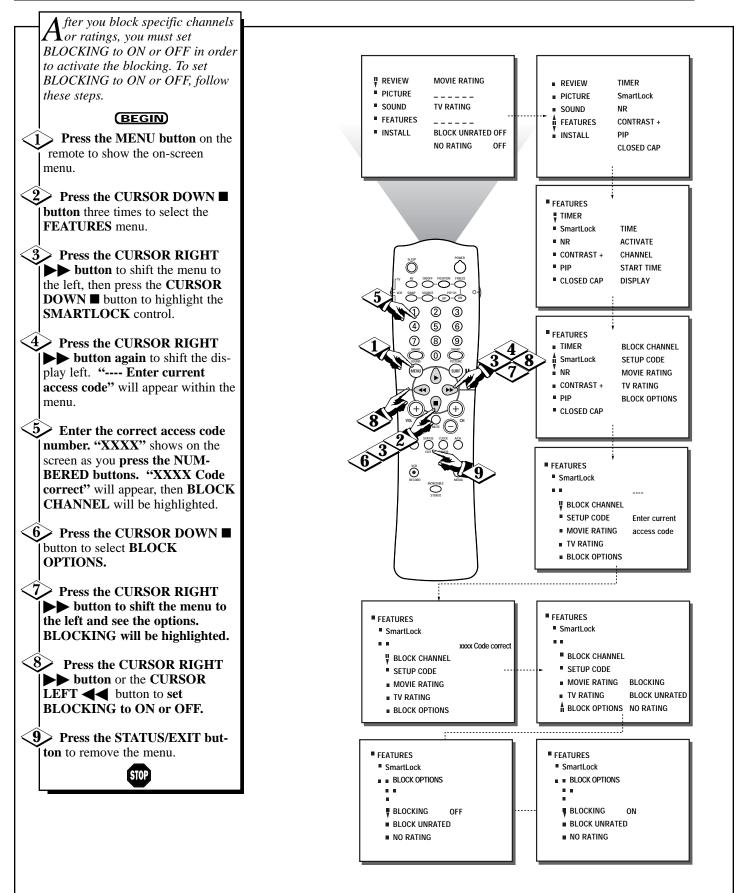
USING SMARTLOCK - MOVIE RATING



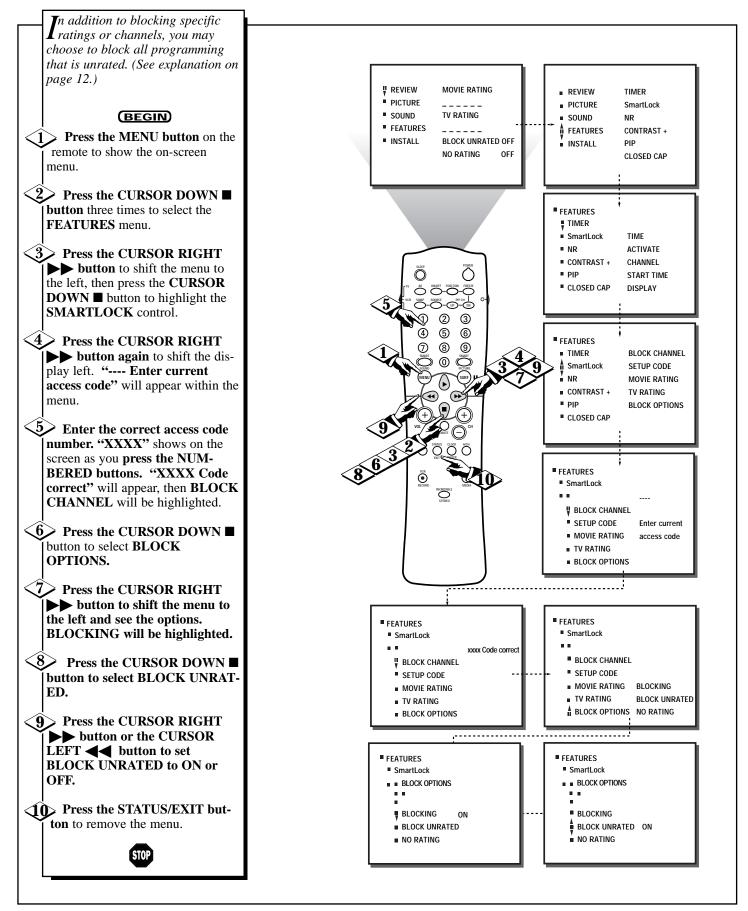
USING SMARTLOCK - TV RATING



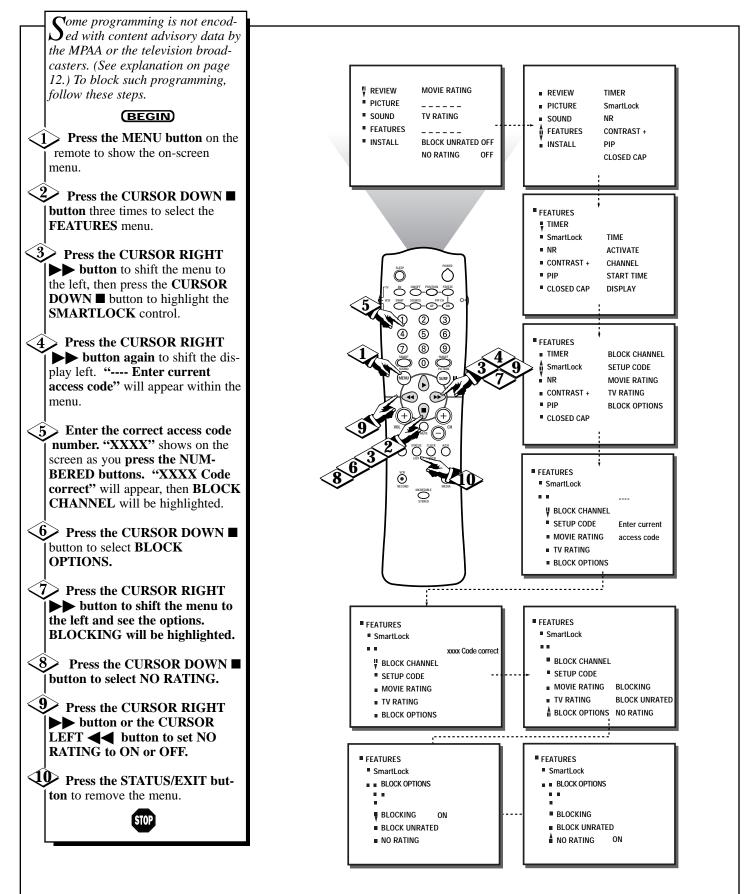
USING SMARTLOCK - BLOCKING

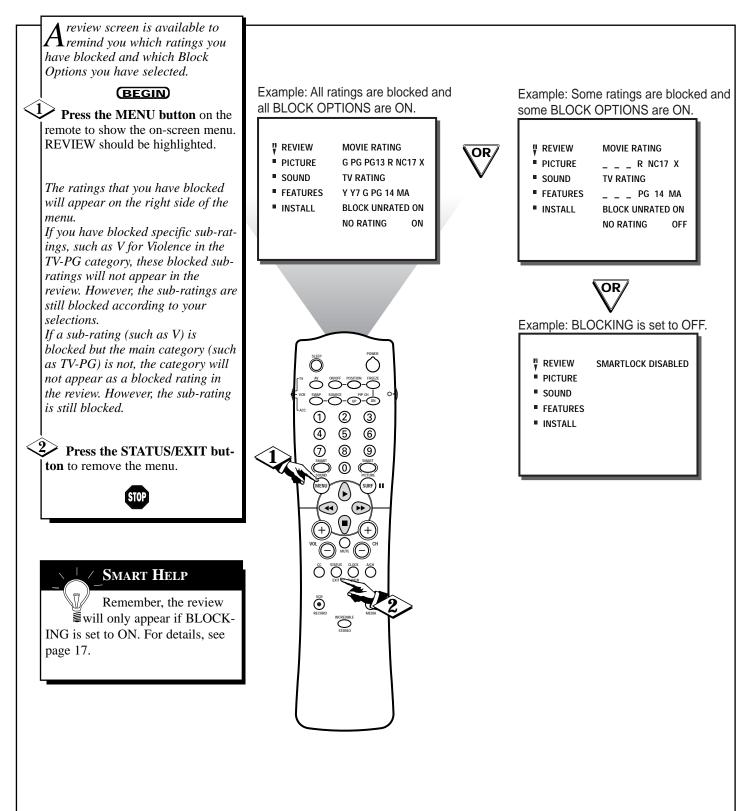


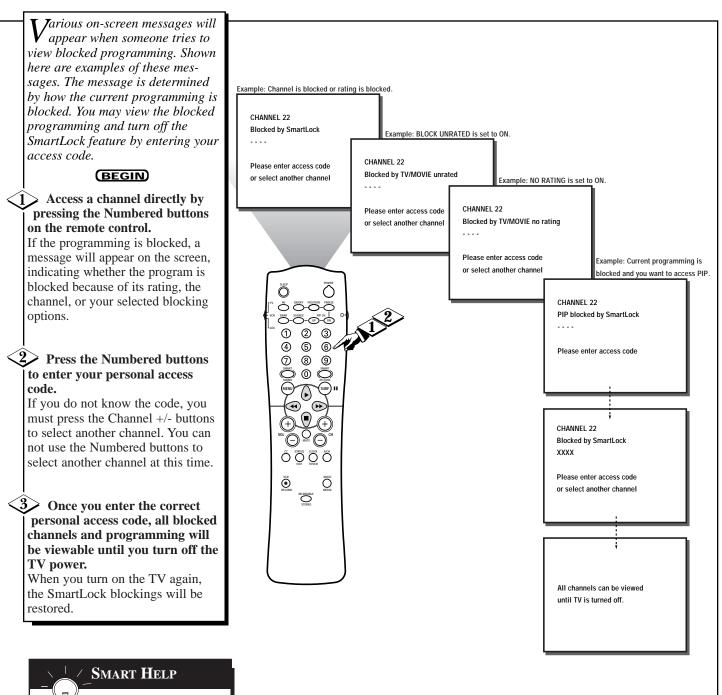
USING SMARTLOCK - BLOCK UNRATED



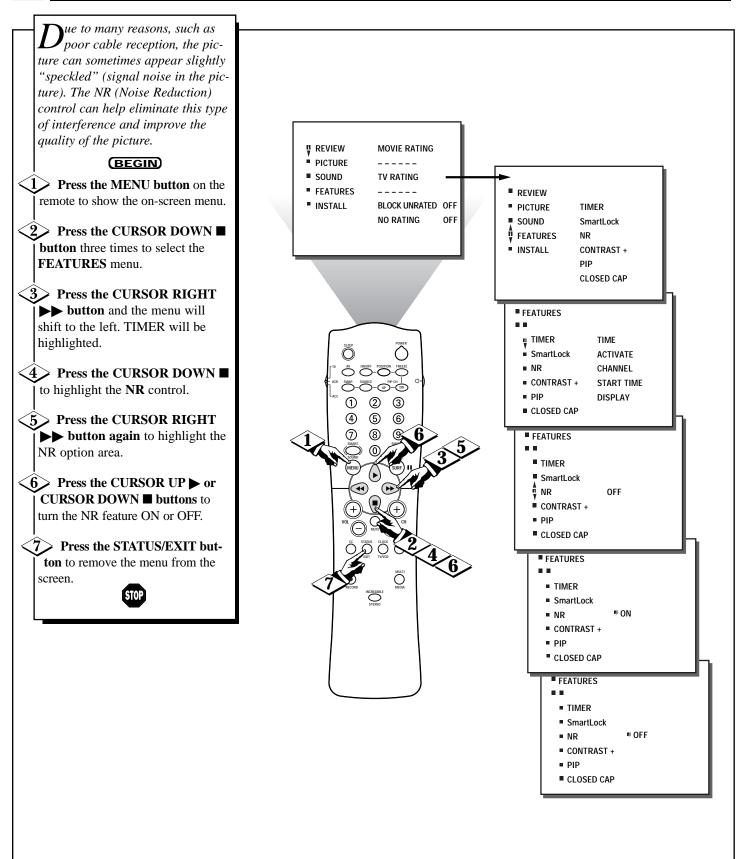
USING SMARTLOCK - NO RATING

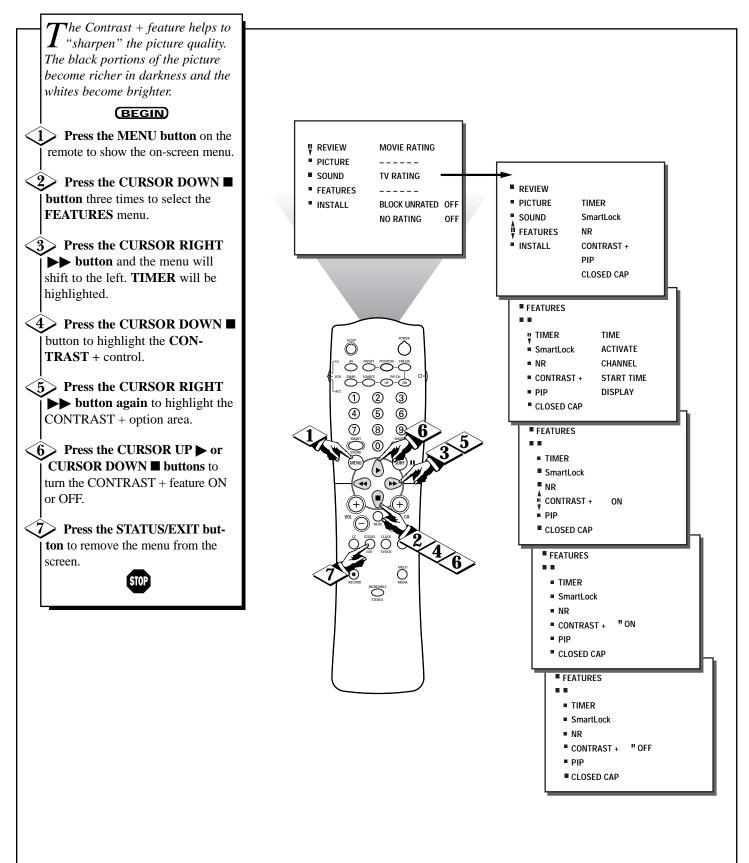




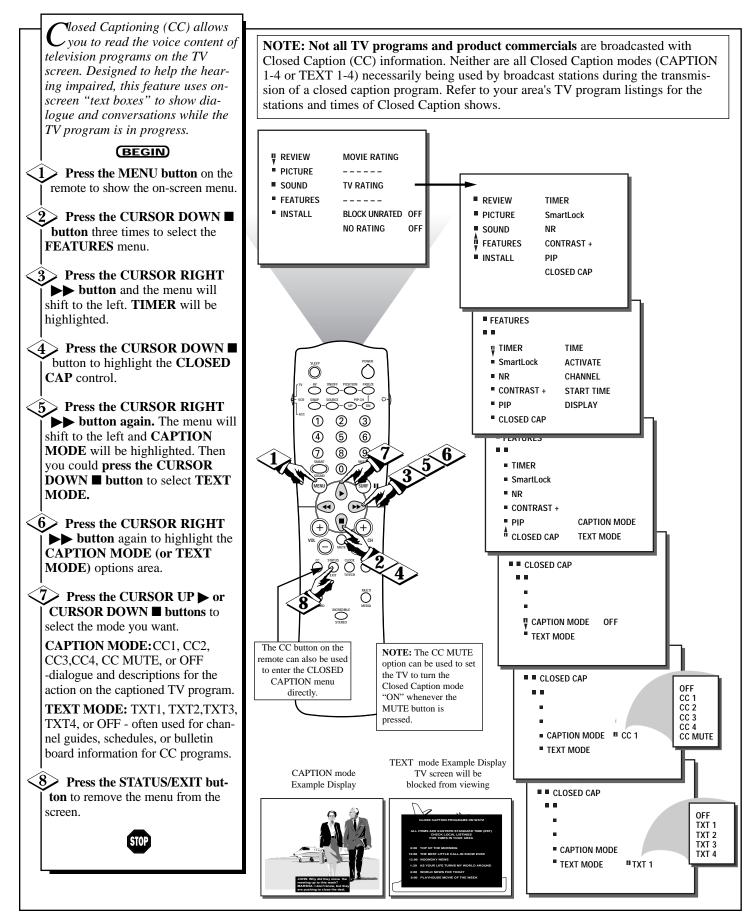


If SmartLock is activated, you will not be able to access programming in the PIP window until you enter your personal access code.

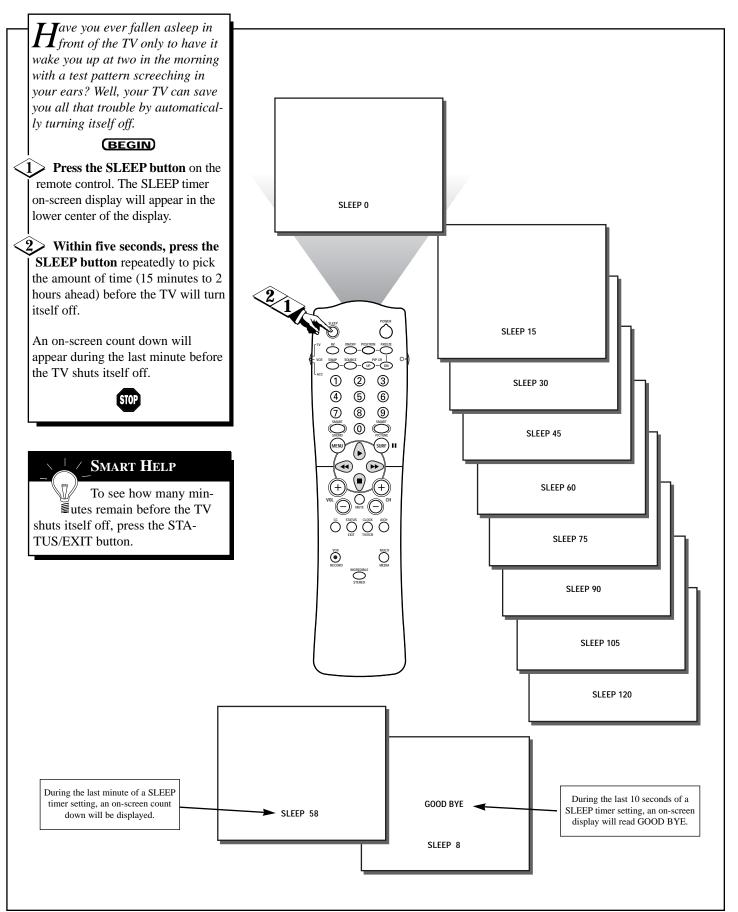




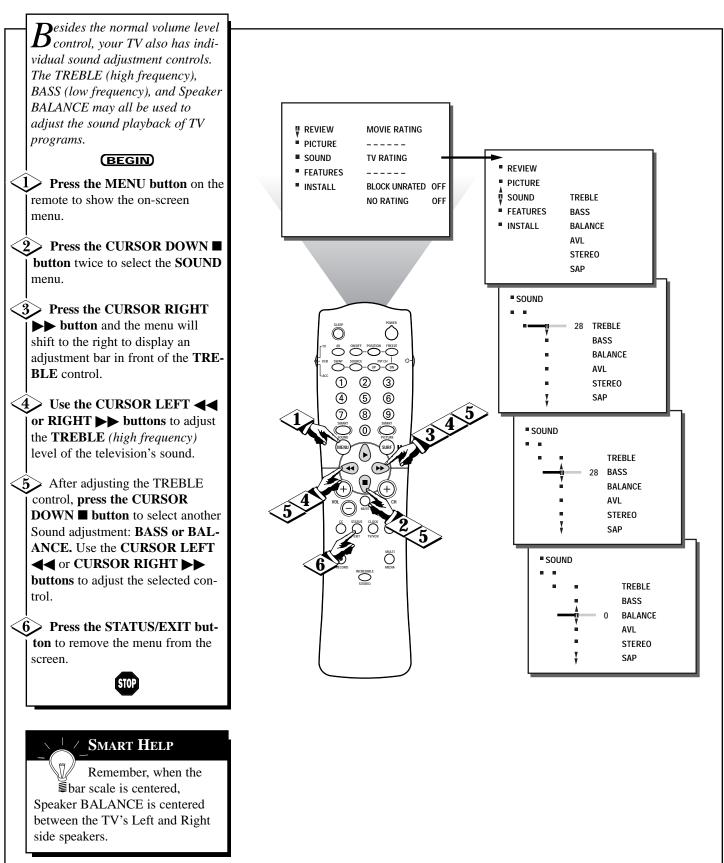
USING THE CLOSED CAPTION CONTROL



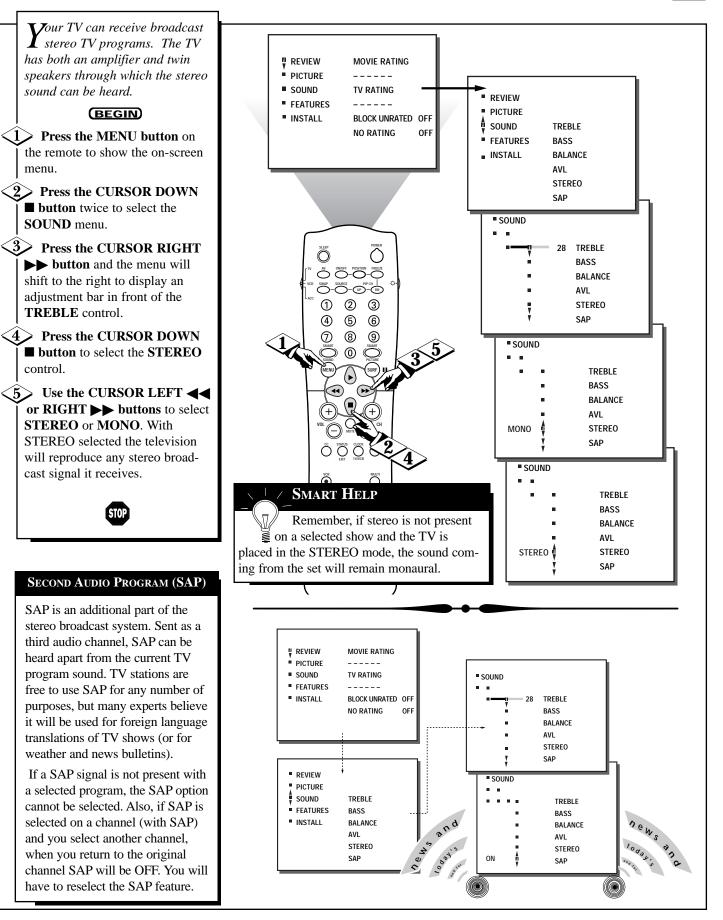
USING THE SLEEP TIMER CONTROL



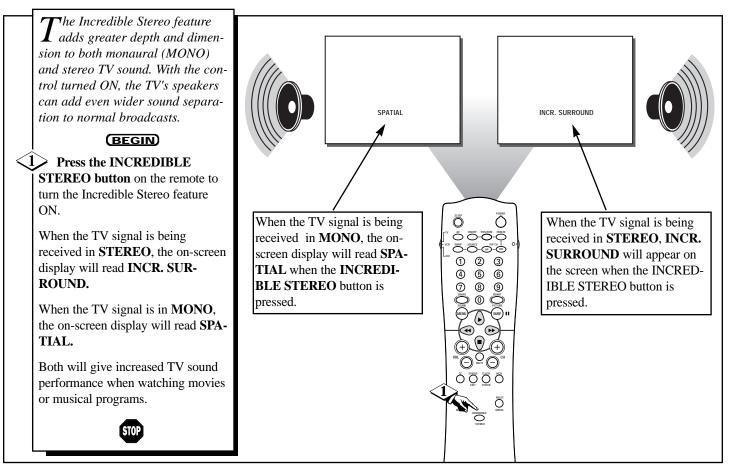
ADJUSTING THE TREBLE, BASS, AND BALANCE SOUND CONTROLS



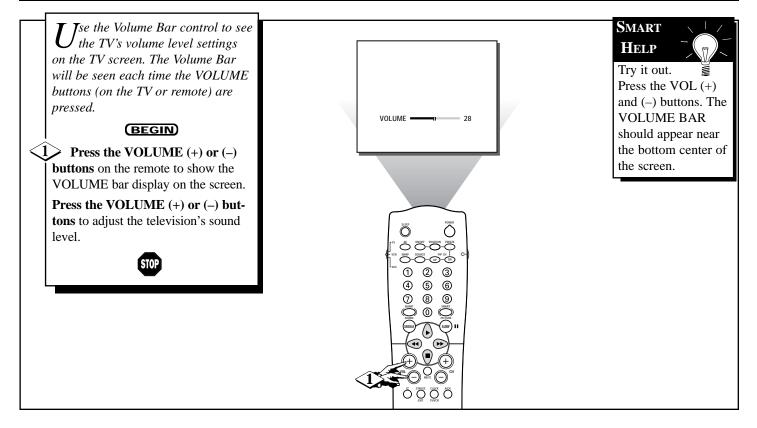
SETTING THE TV FOR STEREO AND SAP PROGRAMS



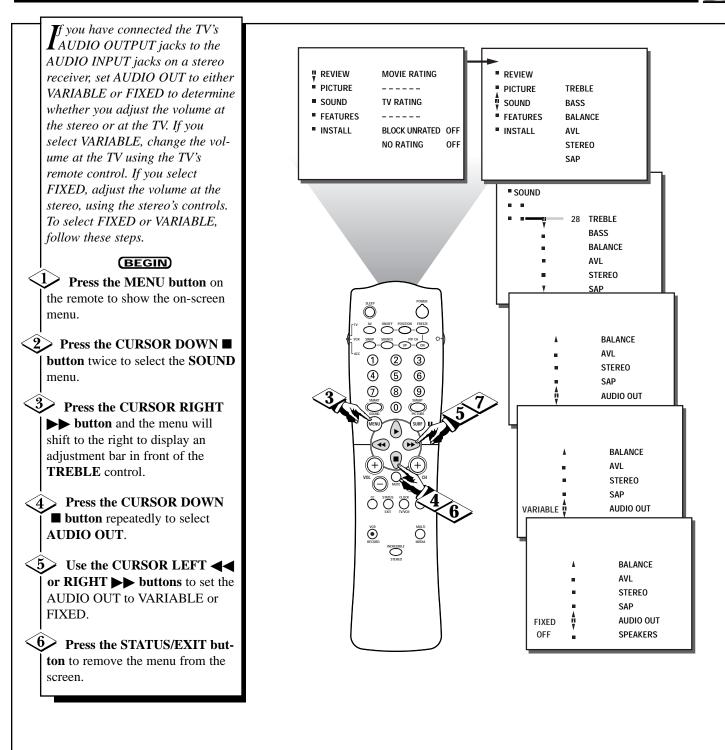
USING THE INCREDIBLE STEREO CONTROL



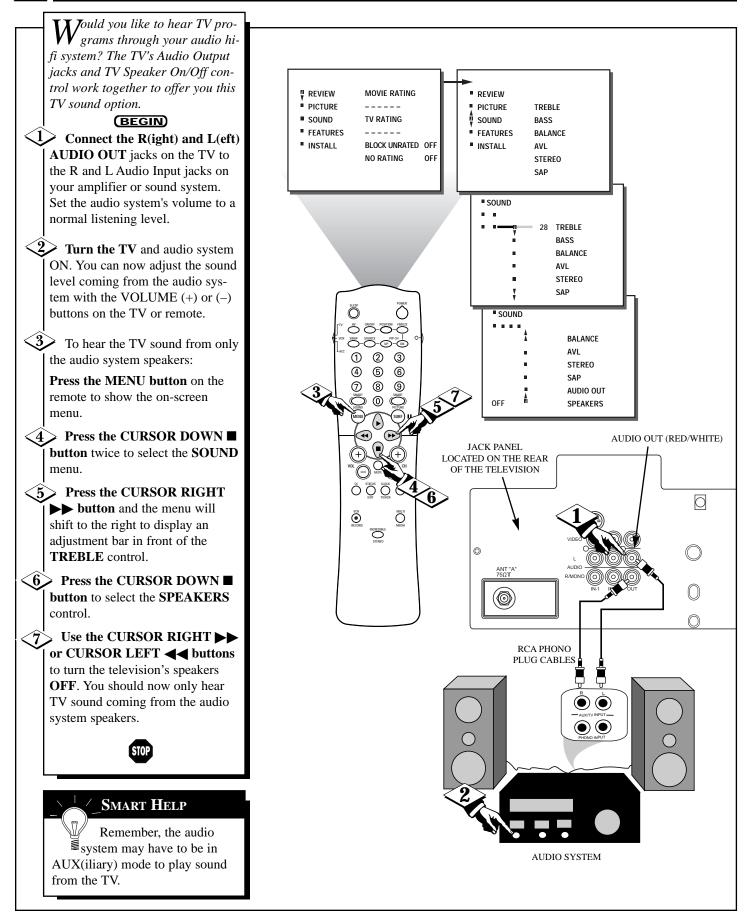
USING THE VOLUME BAR CONTROL



SETTING THE AUDIO OUT CONTROL



USING THE TV SPEAKER CONTROL AND AUDIO OUTPUT JACKS



AUDIO/VIDEO INPUTS

The TV's Audio/Video Input jacks are for direct picture and sound connections between the TV and a VCR (or similar device) that has Audio/Video Output jacks.

(BEGIN)

Connect the VIDEO (yellow) CABLE to the VIDEO IN-1 jack on the back of the TV. Then connect the AUDIO (red and white) CABLES to the AUDIO (left and right) IN-1 jacks on the rear of the TV.

Connect the VIDEO (yellow) CABLE to the VIDEO OUT jack on the back of the VCR. Then connect the AUDIO (red and white) CABLES to the AUDIO (left and right) OUT jacks on the rear of the VCR.

3 Turn the VCR and the TV | ON.

Use the AV button on the remote to select the AV 1 channel.

> With the VCR ON and a prerecorded tape inserted, **press the PLAY button** to view the tape on the television.

> > STOP

NOTE: Repeatedly pressing the AV When using the Audio/Video IN-1 input jacks, the video and sound can button on the remote will toggle the be viewed and heard on the AV 1 channel. picture source from the current channel, to the last channel viewed, then When using the Audio/Video IN-2 input jacks, the video and sound can to the AV 1 connection, then to the be viewed and heard on the AV 2 channel. AV 2 connection. This also applies to the Multi Media button on the remote. Repeatedly pressing the Multi Media button will BACK OF TV toggle the picture source from the current channel, to the last viewed channel, then to the MM 1 (AV 1) connection, then to the MM 2 (AV 2) 0 connection. 88 24 AV 1 (\bigcirc) AV 2 VIDEO IN (YELLOW) AUDIO IN (RED/WHITE) BACK OF VCR Õ 1 2 3 4 6 6 Ø 8 ത 0 VCR (FI (EQUIPPED WITH VIDEO AND AUDIO OUTPUT JACKS) Õ Õ ÕÕ IF YOU ARE USING A NON-STEREO DEVICE. Ō USE ONLY THE AUDIO R/MONO JACK.

USING THE AUDIO/VIDEO INPUT JACKS (CONT'D)

S-VIDEO INPUT

The S(uper)-Video connection on the rear of the television can give you better picture detail and clarity for the playback of S-VHS VCR tapes or Digital Video Discs than the normal antenna picture connections.

Note: The VCR (or Digital Video Disc player) must have a S-VIDEO OUT(put) jack in order for you to complete the connections shown on this page.

(BEGIN)

Connect the S-VIDEO CABLE to the S-VIDEO input jack on the rear of the television, then connect the AUDIO (red and white) cables to the AUDIO IN (IN 1) jacks on the rear of the TV.

Connect the S-VIDEO

CABLE to the S-VIDEO output jack on the accessory device. Then, connect the red and white AUDIO CABLES to the AUDIO (left and right) output jacks on the rear of the accessory device.

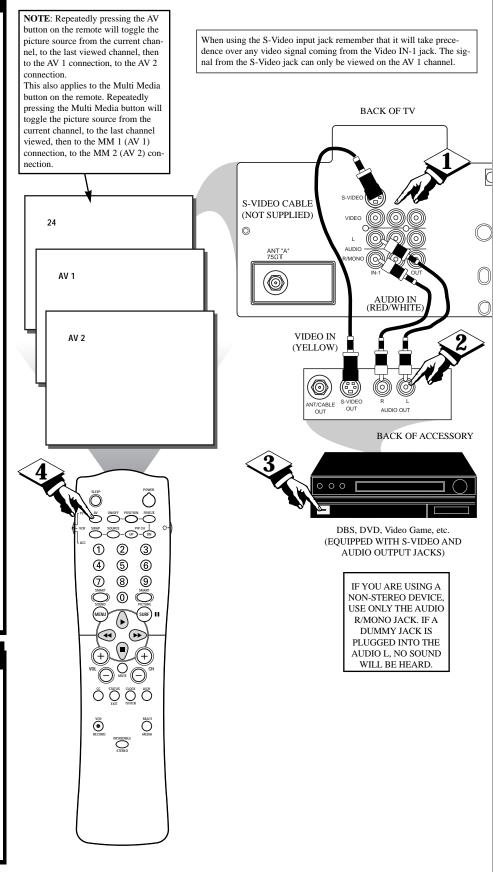
3 Turn the VCR (or Digital Video Disc Player) ON.

4 Press the AV button on the remote to tune to the AV 1 channel. You are now ready to view the tape or disc on the TV.

/ Smart Help

The S-VIDEO and VIDEO IN-1 inputs are in parallel. The S-VIDEO input is will take precedence when in use. If separate video signals are connected to the S-Video and VIDEO IN-1 inputs, the signal from the VIDEO IN-1 input will not be useable.

If you have added AV 1 to the TV's channel memory, just press the CHANNEL + or – buttons until the AV 1 (channel) mode is selected.



Whether you're watching a movie or a video game, your TV has automatic video control settings matched for your current program source or content. The SmartPicture feature quickly resets your TV's video controls for a number of different types of programs and viewing conditions you may have in your home. Each SmartPicture setting is preset at the factory to automatically adjust the TV's Brightness, Color, Picture, Sharpness, Tint, and Color Temperature levels.

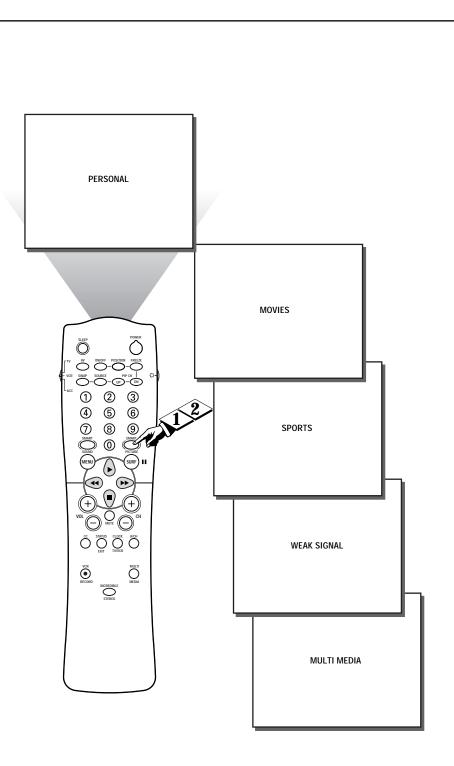
(BEGIN)

Press the SMART PICTURE button on the remote control. The current SmartPicture setting will appear in the middle of the screen.

Press the SMART PICTURE button repeatedly to select either PERSONAL, MOVIES, SPORTS, WEAK SIGNAL, or MULTI MEDIA picture settings.

Note: The PERSONAL setting and the PICTURE options within the on-screen menu are the same. This is the only option in Smart Picture that can be changed. To adjust these settings, use the PICTURE options within the on-screen menu. All other settings are set up at the factory during production and cannot be adjusted.

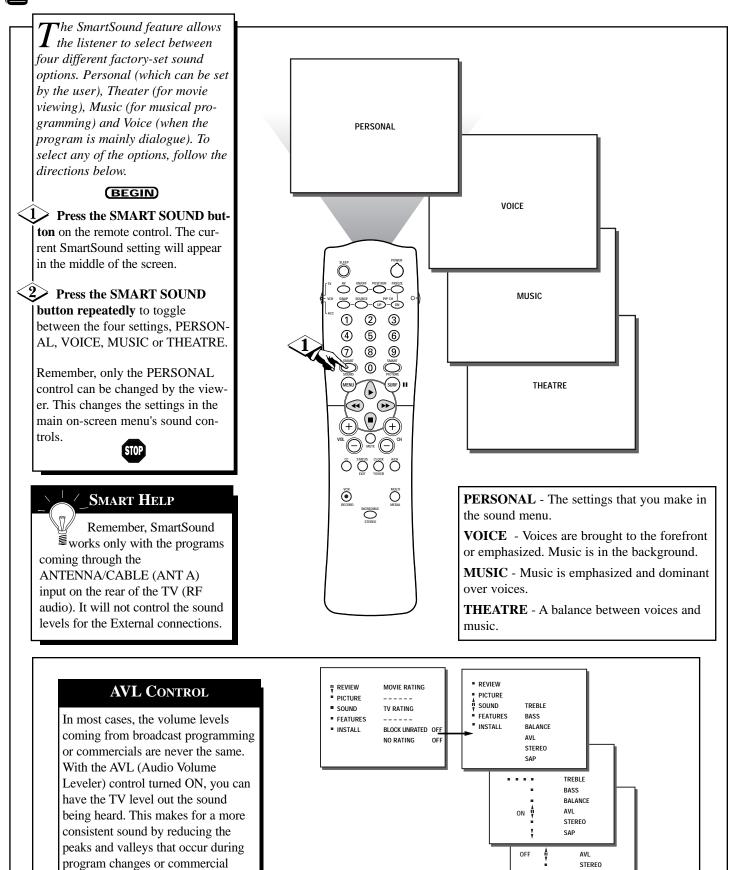






breaks.

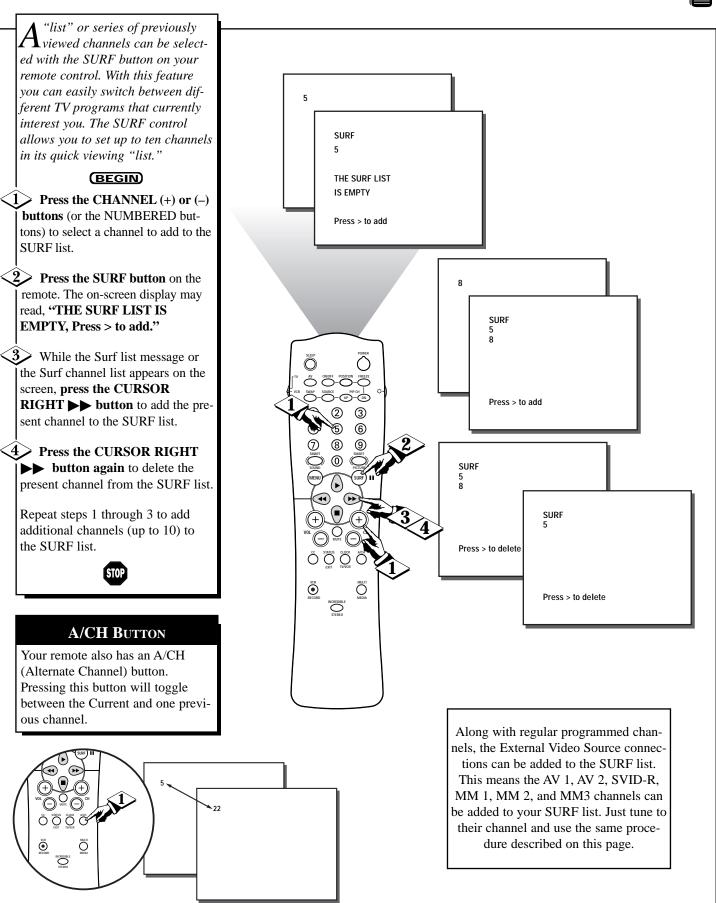
USING THE SMARTSOUND CONTROL



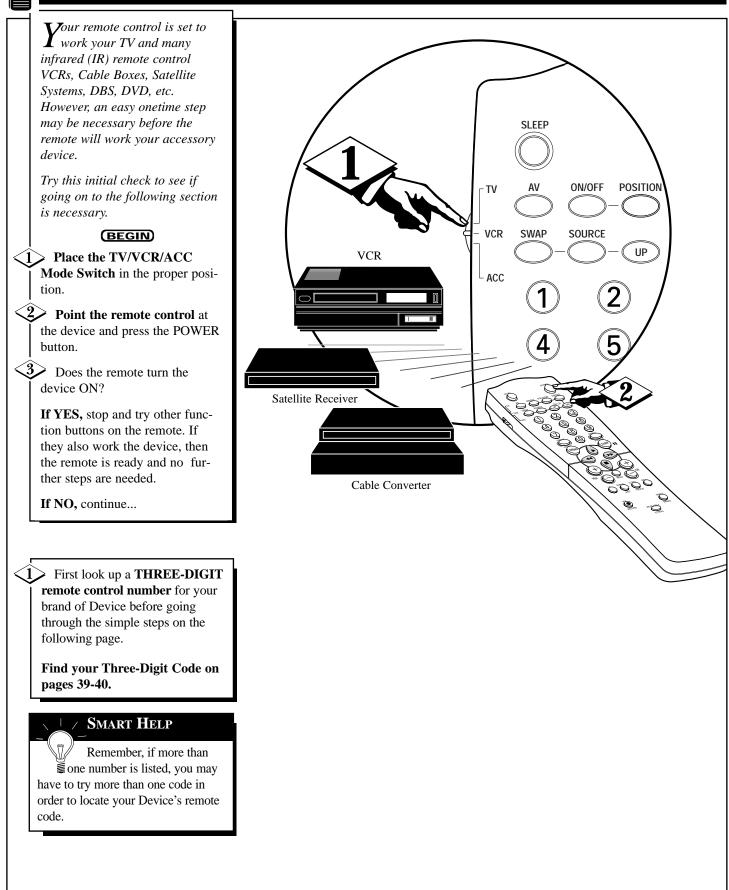
ļ

SAP

USING THE CHANNEL SURF CONTROL



SETTING THE REMOTE CONTROL TO OPERATE ACCESSORY DEVICES



SETTING THE REMOTE CONTROL TO OPERATE ACCESSORY DEVICES

Direct Access Method

Now that you have looked up the three-digit Remote Code Number for your brand of device, you are ready to follow the five simple steps below.

Please read through steps 1-5 before beginning.

(BEGIN)

Place the TV/VCR/ACC
 Mode Switch in the proper position.

Press the VCR RECORD
 button on the remote control and release.

Press the SMART SOUND button on the remote within 30 seconds, then release.

4 Enter the THREE-DIGIT REMOTE CODE NUMBER for your desired device. The remote is now ready to send commands to the unit.

5 Point the remote at the Device. Press the POWER button on the remote to turn the unit ON.

STOP

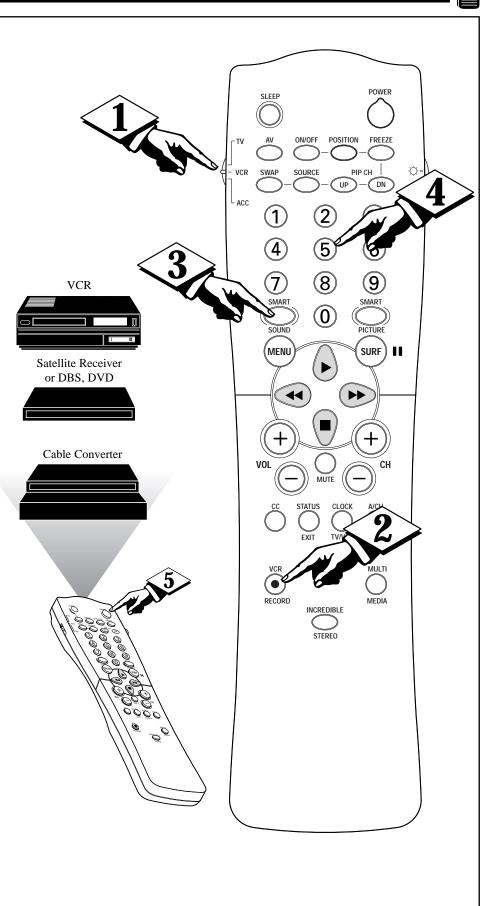
SMART HELP

Remember, if this doesn't work the first time, repeat steps 1-5 using the same remote code number.

After a second try and the remote does not operate your device, see if there is another three-digit code number (pages 39-40) listed for your device. Repeat the steps above using the new number.

If, after repeated attempts, the remote does not work your device, try the **SEARCH METHOD** on page 38.

Some Cable Converters can not be turned ON by a remote control.



SETTING THE REMOTE CONTROL TO OPERATE ACCESSORY DEVICES

Search Method

Your TV remote can be set to work various accessory devices such as VCRs, Cable Boxes, Satellite Receivers, DBS, DVD, etc. by using the search method.

If the Direct Access method shown on page 37 did not set your remote to work your accessory device, follow the easy steps listed below.

Please read steps 1-4 before beginning.

BEGIN

Turn ON the device by pressing the POWER button on the device you are attempting to program.

Place the TV/VCR/ACC Mode Switch in the proper position.

Press and hold the VCR RECORD and the SMART SOUND buttons simultaneously.

The device will begin to change channels after the remote identifies the correct code. When the channels start to change, release the VCR RECORD and SMART SOUND buttons. The remote should be ready to operate the device.

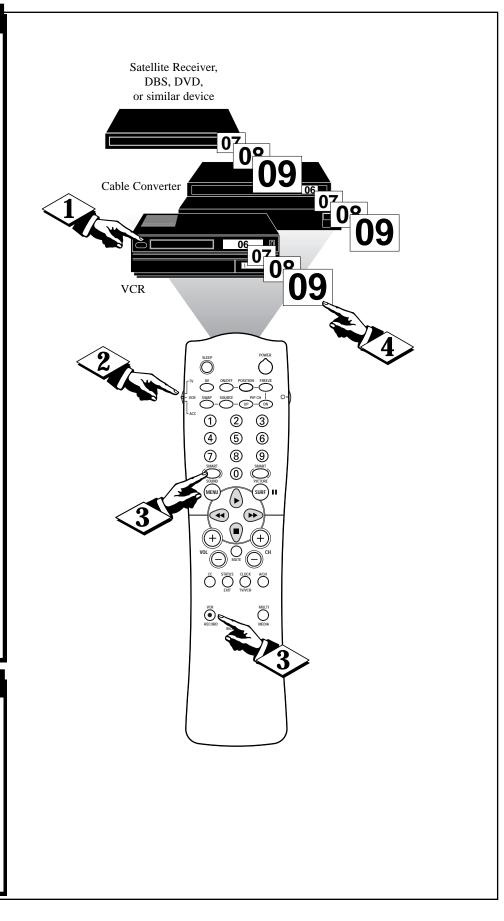


SMART HELP

This method can take up to two minutes to perform.

Don't let the device change more than five channels after the remote identifies the code. If you do, the remote may pass up the right code; another two minute search cycle will have to be repeated.

If no channel change happens within two minutes, repeat steps 1-4. Should a channel change still not occur, the remote will not work the desired device.



REMOTE CONTROL DIRECT ENTRY CODES

	DEMOTE
	REMOTE
VCR	<u>CODE NO.</u>
Admiral	
Advantz	358
Adventure	
Aiko	
Aiwa 000, 037,	307, 348, 352
Akai	061, 106, 315
Alba	
American High	
Amstrad	325, 332
Asha	
Audiovox	
Baird	
Beaumark	
Bell & Howell	
Blaupunkt	003.006.154
Brandt	
	211, 205, 261
Broksonic121, 184,	
Bush	
ССЕ	072, 278
Calix	
Canon	
Capehart	
Carver	081, 146
Citizen	
Colt	
Combitach	
Craig	072, 240, 271
Curtis Mathes	.035. 041. 060
Cybermax	
	020 045 276
Daewoo	
Daytron	
Denon	
Dynatech	
Electrophonic	
Emerex	
Emerson 000, 002, 036,	037, 043, 061
	164, 208, 209
	295 361 479
Ferguson	.107, 320, 321
Fisher	
Fuji	033, 035
Funci	000
GE	060 065 202
	000, 005, 202
Garraru	0000
Go Video	.232, 279, 432
Gold Star	037, 038
Gradiente	000 406
Crundia 002	007 105 247
Grundig	
HI-Q	
Harley Davidson	000
Harman/Kardon	
Harwood	
Headquarter	046
Hinari	
Hitachi	004.041.042
	105 168 235
	100, 100, 200
T 1	
Ingersol	004
Ingersol	004
JVC008, 041, 067,	
JVC	
JVC008, 041, 067, Jensen	
JVC	
JVC 008, 041, 067, Jensen	
JVC	
JVC	
JVC 008, 041, 067, Jensen	

	REMOTE
VCR	CODE NO.
Loewe	
Logik	
MGN Technolog	y
MTC	
Magnavoy	000, 035, 081, 146, 181
Memoray	
	7, 048, 104, 240, 266, 307
Mitauhiahi 04	43, 061, 067, 075, 173, 443
NAD	
NEC	036, 040, 041, 067, 104
N1kko	
Noblex	
Nordmende	
Okano	
Olympus	
Optonica	
Orion	
Penney	
Pentax	
Philco	
Philips	035, 062, 081, 110, 403
Pioneer	
Portland	
Profax	
Profitronic	
Protec	
Pulsar	
Quartz	
Quasar	
Realistic	000, 035, 037, 045, 047
Salisul	

REMOTE	
VCR CODE NO.	
Sanyo	
Saville	
Scott	
Sears	
Sharp	
Shintom	
Shogun	
Shoral	
Siemens	
Singer	
Sinudyne	
Sony	
Sunkel	
Sunpak	
Sylvania000, 035, 043, 081, 103, 110	
Symphonic	
Tatung	
Teac	
Technics	
Teknika	
Telefunken	
Tansal	
Thomas	
Thomson	
Toshiba	
Totavision	
Towada	
Unitech	
Universum	
Vactor	
Vactor Research	
Video Concepts	
Wards000, 035, 042, 047, 048, 060, 062,	
XR-1000	
Yamaha	
Zenith	
CABLE REMOTE	
<u>CONVERTER</u> <u>CODE NO.</u>	
ABC	
Aliegio	
Andover	
Antronix	
Archer	
Balcor	
British Telecom	
Cable Star	
Cabletenna	
Cabletime	
Cableview	
Century	
Citizen	
Clyde	
Colour Voice	
Comtec	
Contec	
Cryptovision	
Deceat	



REMOTE CONTROL DIRECT ENTRY CODES

CABLE	REMOTE
CONVERTER	CODE NO.
CONVERTER Eastern	002 274
Everquest	
Filmnet	
Focus	
France Telecom	
GC Electronics	
GEC	
Ganard	
Gemini	
General Instrument	
Gold Star	
Grundig	
Hamlin	
Hitachi	
Hytex	
Jasco	
Jerrold	
	015 024 276 476
M.N.E. T	
MNet	
Macon	
Magnavox	
Memorex	
Movie Time	
NSC	
Oak	
Optimus	021
Panasonic	000 021 107
Paragon	152 040 000 004
Philips025, 027, 031	, 153, 242, 290, 334
Pioneer	
Popular Mechanics	
Pulsar	
RCA	
Radio Shack	
Recoton	
Regal	020 259
Regency	002
Rembrandt	011 070
Runco	
SL Marx	
Salora	
Samsung	
Satbox	
Scientific Atlanta	
Signature	
Sprucer	
Star Sight	
Starcom	
Stargate	
Starquest	
Sylvania	
ŤV85	
Teleservice	
Teleview	
Texscan	
Timeless	
Tocom	
Toshiba	
Tudl	
Tusa	
Unike	
Сшке	

CABLE	REMOTE
CONVERTER	CODE NO.
United Artists	007
United Cable	003
Universal	056, 153, 191
Videoway	250
Viewstar	027, 063, 258
Visi Cable+	461
Westminster	105
Wolsey Gaine	544
Zenith	.000, 054, 525
Zentek	400

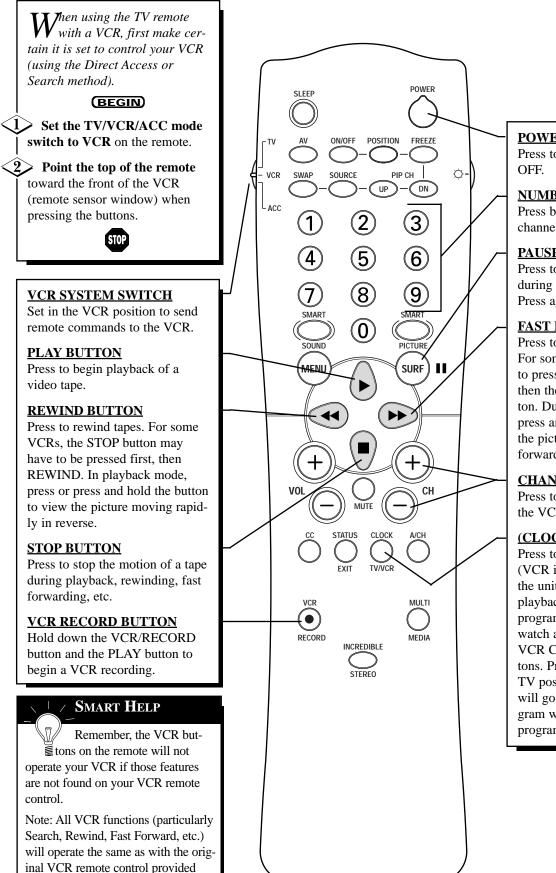
	REMOTE
DBS	CODE NO.
Alpha Star	772
Echostar	
HTS	775
Hitachi	819
Hughes Network System	749
Jerrold	627
Magnavox	722, 724
Memorex	
Panasonic	701
Philips	722, 724
Primestar	
RCA	566
Sony	639
Toshiba	
Uniden	724

REMOTE <u>Satellite</u> CODE NO. Amstrad080, 252, 345, 461, 509, 689

	REMOTE
<u>Satellite</u>	CODE NO.
Satellite Hirschmann	
Houston	
Huth	.220, 243, 268
ITT	
Intervision	
JVC	
Kathrein	504 622 658
La Sat	512 607
Lennox	
Lupus	
Luxor	
Manhatten	
Maspro	
Matsui	571
Mediamarkt	
Minerva	571
Mintec	576
Morgan's	
Newhaus	
Nikko	
Nokia	
Nordmende	
Orbitech	
Pace	
Paliadium	
Palsat	501
Philips	
Phonotrend	
Plasmatic	
Proset	
Quadral	362, 628
ŘFT	
Radix	
SAT	
SEG	
Saba	
Salora	
Satec	
Schwaiger	
Seemann	.396, 578, 626
Skymaster	
Sony	
Star Trak	
Strong	
Sunstar	513
Tantec	336
Techni Sat	
Teleka	
Tonna	,
Triad	
Universum	
Vtech	
Wisi	251 200
wisi	351, 390
	DEMOTE
DUD	REMOTE
DVD	<u>CODE NO.</u>
Kenwood	
Mitsubishi	
Panasonic	
Philips	539
Pioneer	

USING THE REMOTE'S VCR BUTTONS





POWER BUTTON

Press to turn the VCR ON and OFF.

NUMBER BUTTONS

Press buttons for direct VCR channel selections.

PAUSE BUTTON

Press to temporarily stop the tape during playback or recording. Press again to release Pause.

FAST FORWARD BUTTON

Press to rapidly advance the tape. For some VCRs, you may need to press the STOP button first, then the FAST FORWARD button. During playback, press or press and hold the button to view the picture moving rapidly in the forward direction.

CHANNEL + & - BUTTONS

Press to scan up or down through the VCR channel numbers.

(CLOCK)TV/VCR BUTTON

Press to select VCR position (VCR indicator on the front of the unit will light), to view the playback of a tape, to watch a program while recording it, or to watch a TV broadcast using the VCR CH +, – or Numbered buttons. Press again to place in the TV position (VCR indicator light will go off) or to view one program while recording another program.

with the VCR.

PIP CONNECTION

Picture in Picture (PIP) is the showing of two pictures on the screen at the same time (one main screen picture and a smaller inset picture, or PIP).

Note: The PIP picture must be supplied by a VCR (or other accessory device equipped with a VIDEO OUTPUT jack).

The following is a basic PIP hookup using a VCR to supply the secondary picture.

(BEGIN)

Connect the VIDEO OUT jack on the VCR to the VIDEO IN (yellow) jack on the rear of the TV.

> Also connect the AUDIO OUT (Right and Left) jacks from the VCR to the AUDIO IN jacks (red and white) on the TV.

> Also be sure that there is a normal Cable or Antenna signal connection between the VCR and the TV.

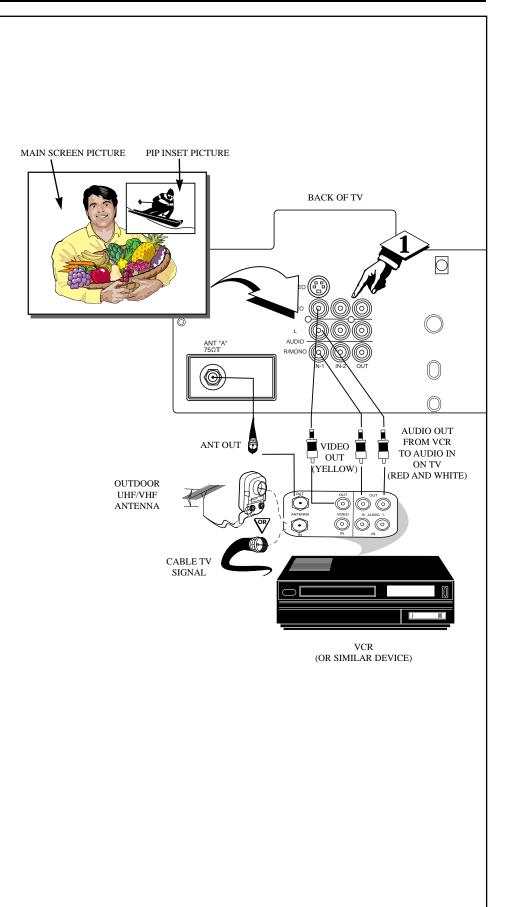
This completes the basic PIP hookup. Refer to pages 46-47 for "More PIP Connections."

2 Move to the next page after the VCR to TV PIP connections have been completed.

/ SMART HELP

Remember, for other possible connections see pages 46-47 for the "More PIP Connections" section.

If you have a single (Monaural) Audio Output VCR, there are two methods of connection. Use only the Right Audio IN (RED) and leave the Left Audio IN with NO connection. Or, "Y" connectors are available to complete your connection. Contact your dealer, or our Parts Information Center, 1-800-851-8885, for details.



USING THE PIP (PICTURE-IN-PICTURE) FEATURE

CHOOSING THE PIP SOURCE

The picture for the PIP window can come through either the ANT/CABLE or any of the external Audio/Video connections at the rear of the TV. PIP Source simply tells the TV which one of these sources it is to show in the PIP window.

(BEGIN)

Turn the TV and VCR (or other device hooked to the external A/V connections) **ON.**

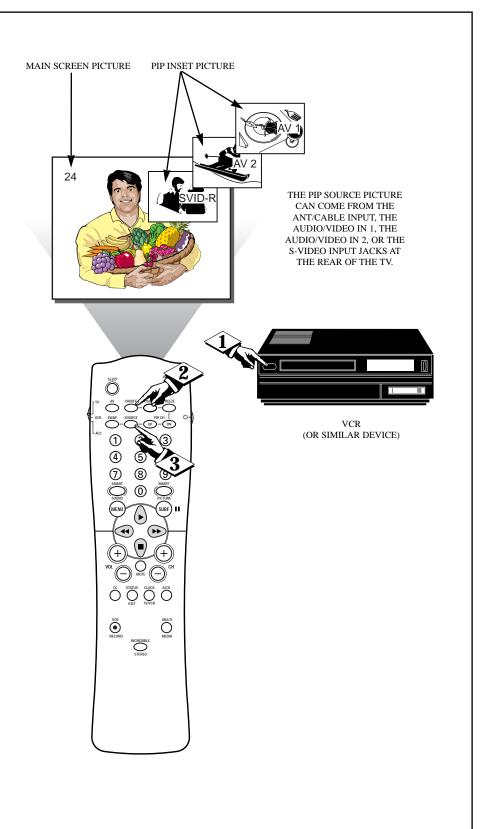
2 Press the PIP ON/OFF button on the remote control. The PIP window should appear in the upper right hand portion of the screen.

Press the PIP SOURCE button on the remote to toggle between the different external connections.

The PIP SOURCE may come from the following:

AV 1, AV 2, SVID-R: for picture signal coming from the external Audio/Video jacks on the TV. (You must have an external device hooked up at these locations.)

ANTENNA/CABLE: for a picture signal coming from the ANT/CABLE Input on the back of the TV.



USING THE PIP (PICTURE-IN-PICTURE) FEATURE

REMOTE CONTROL BUTTONS

By using the PIP buttons on the remote control, the PIP picture can be moved and swapped with the main screen. The PIP inset picture can also be frozen within the PIP window.

(BEGIN)

Press the PIP ON/OFF button to show the PIP picture. PIP appears in the upper right of the screen.

> **Press the PIP ON/OFF button again** and the PIP picture is reduced in size.

Pressing the ON/OFF button a third time will remove the PIP picture from the screen.

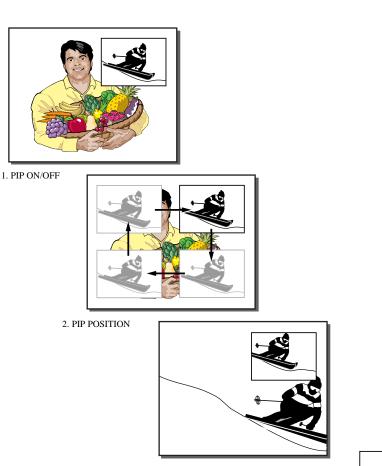
Press the PIP POSITION button on the remote to move the PIP picture to any of the four corners.

3 Press the PIP FREEZE button on the remote to stop the action within the PIP window. Press the PIP FREEZE button again to resume the normal viewing action.

Press the PIP CH(annel) UP/DN buttons on the remote to choose a different channel or a different PIP source.

5 Press the PIP SWAP button to swap the main screen picture with the PIP inset picture. Pressing the PIP SWAP button again will return the main picture to the screen.

STOP



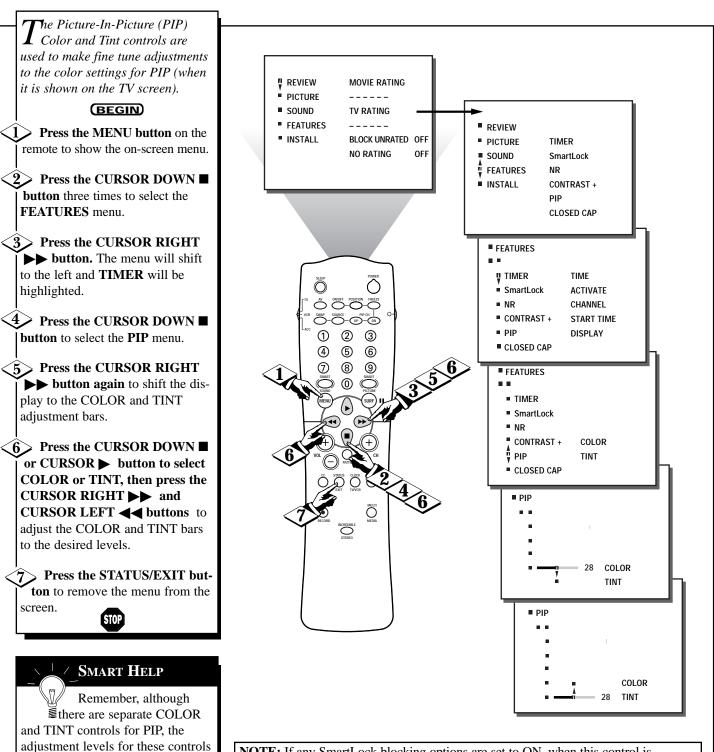
3. PIP FREEZE



4. PIP CHANNEL UP/DN



ADJUSTING THE PIP COLOR AND TINT



NOTE: If any SmartLock blocking options are set to ON, when this control is accessed the screen will turn white, blocking the PIP picture.

When the PIP button is pushed and SmartLock blocking options are turned ON, enter the access code you created in the SmartLock feature. This will allow the PIP COLOR and TINT to be changed while the PIP picture is present. Entering your access code will UNBLOCK ALL channels. To reset the blocking options, turn the TV off, then turn the TV back on. All previously blocked channels will be blocked again.

screen.

color).

depend on the TV's main picture.

For example: If the main picture

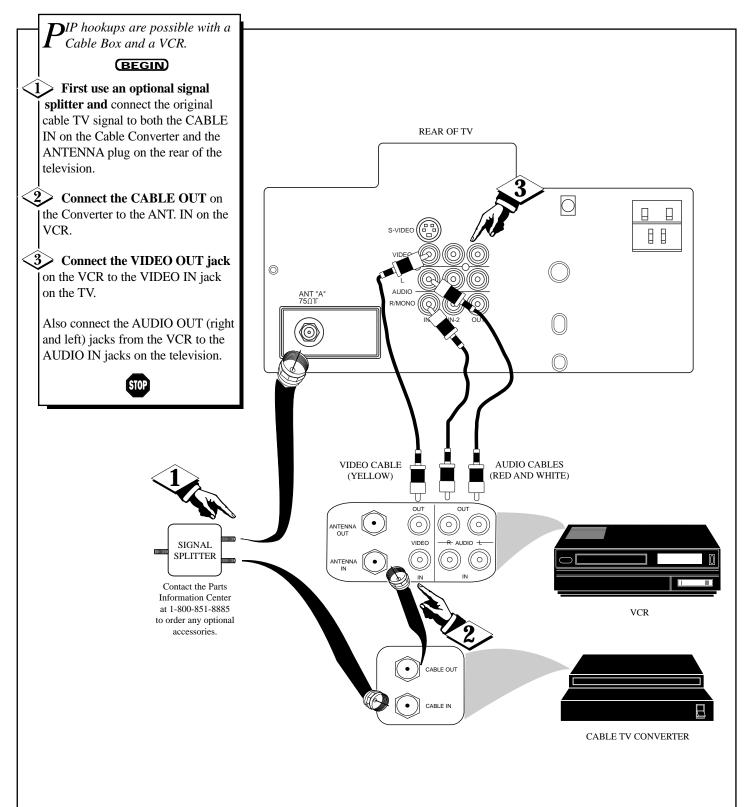
white picture, PIP would also be

though the PIP picture source is in

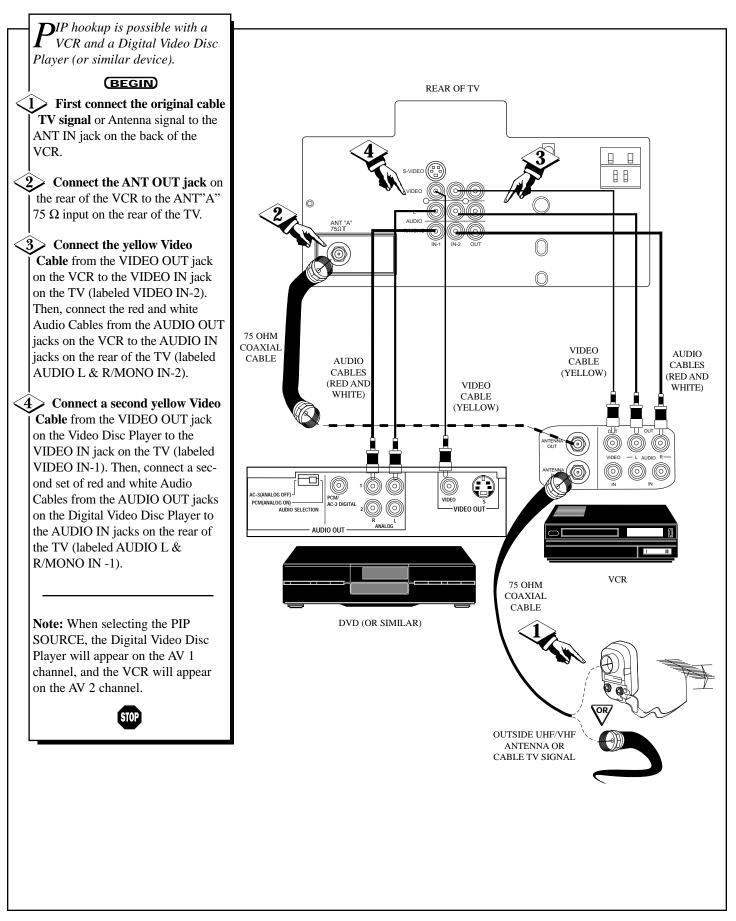
screen is showing a black and

seen in black and white (even

MORE PIP (PICTURE-IN-PICTURE) CONNECTIONS



MORE PIP (PICTURE-IN-PICTURE) CONNECTIONS



TIPS IF SOMETHING ISN'T WORKING

Please make these simple checks before calling for ser- vice. These tips can save you time and money since charges for TV installation and adjustment of customer controls are not cov- ered under your warranty.	CAUTION: A video source (such as a video game, Compact Disc Interactive - CDI, or TV information channel) which shows a constant non-moving pattern on the TV screen can cause picture tube damage. When your TV is continuously used with such a source, the pattern of the non-moving portion of the game (CDI, etc.) could leave an image permanently on the picture tube. When not in use, turn the video source OFF. Regularly alternate the use of such video sources with normal TV viewing.
<u>No Power</u>	 Check the TV power cord. Unplug the TV, wait 10 seconds, then reinsert plug into outlet and push POWER button again. Check that outlet is not on a wall switch. Be sure fuse is not blown on AC power strip. Check to be sure the system mode switch (TV/VCR/ACC) is in the correct position when using the remote control to power the set ON.
<u>No Picture</u>	 Check antenna connections. Are they properly secured to the TV's ANT/CABLE plug? Check the TUNER control for CABLE or ANTENNA setting. Press the AV button on the remote to make sure the correct signal source is selected (AV 1, AV 2, SVID-R or MM 1, MM 2, MM 3).
<u>No Sound</u>	 Check the VOLUME buttons. Check the MUTE button on the remote control. Check the SPEAKER on-screen control. OFF position will eliminate sound at the set. If attempting auxiliary equipment hookups, check audio jack connections. (If Applicable) Check Audio Receiver for correct operating mode.
<u>Remote Does Not</u> <u>Work</u>	 Check TV/VCR/ACC "System" switch on the remote. Move the switch to the TV position to operate the television. Check batteries. Replace with AA Heavy Duty (Zinc Chloride) or Alkaline batteries if necessary. Clean the remote and the remote sensor window on the TV. Check the TV power cord. Unplug the TV, wait 10 seconds, then reinsert plug into outlet and push POWER button again. Be sure fuse is not blown on AC power strip. Check to be sure TV outlet is not on a wall switch.
<u>TV Displays Wrong</u> <u>Channel or No</u> <u>Channels Above 13</u>	 Repeat channel selection. Add desired channel numbers (CHANNEL EDIT control) into TV memory. Check to be sure the TUNER control is set to the CABLE option.

Cleaning and Care

- To avoid possible shock hazard be sure the TV is unplugged from the electrical outlet before cleaning.
- When cleaning the TV screen take care not to scratch or damage the screen surface (avoid wearing jewelry or using anything abrasive). Wipe the front screen with a clean cloth dampened with water. Use even, easy, vertical strokes when cleaning.
- Gently wipe the cabinet surfaces with a clean cloth or sponge dampened in a solution of cool clear water. Use a clean dry cloth to dry the wiped surfaces.
- Never use thinners, insecticide sprays, or other chemicals on or near the cabinet, as they might cause permanent marring of the cabinet finish.

GLOSSARY TO TELEVISION TERMS



Alternate Channel • Use the A/CH button on the remote control to toggle between the last two channels viewed.

Auto Programming • When activated, this feature automatically scans for all available channels from regular antenna or cable signals and stores only active broadcast stations into the TV's memory.

Channel Edit • Add or delete channels from the sequential tuning cycle to develop a customized list of channels you want to watch. Editing makes it easy to limit the number of channels when using the Channel +/- buttons or to expand the number of channels available to suit your preference.

Closed Caption • Broadcast standard which allows you to read the voice content of television programs on the TV screen. Designed to help the hearing impaired, this feature uses on-screen "text boxes" to show dialogue and conversations while the TV program is in progress.

Coaxial Cable • A single solid antenna wire normally matched with a metal plug (F-type) end connector that screws (or pushes) directly onto a 75 Ohm input found on the Television or VCR.

Direct Audio/Video Inputs • Located on the rear of the TV, these connectors (RCA phono type plug) are used for the input of audio and video signals. Designed for use with VCRs (or other accessories) in order to receive higher picture resolution and offer sound connection options.

Identify • Method by which a remote control searches and finds an operating code for another product (such as a VCR or Cable Converter). Once the code has been "identified," the TV remote can operate and send commands to the other product.

Incredible Stereo (or Surround) • Pseudo-acoustic management of the audio signal produces a dramatic expansion of the wall of sound engulfing the listener and heightens overall viewing pleasure.

Menu • An on-screen listing of feature controls that are available for user adjustments.

Multichannel Television Sound (MTS) • The broadcast standard that allows for stereo sound to be transmitted with the TV picture.

On Screen Displays (OSD) • Refers to the wording or messages generated by the television (or VCR) to help the user with specific feature controls (color adjustment, programming, etc.).

Programming • The procedure of adding or deleting channel numbers into the Television's memory circuits. In this way, the Television "remembers" only the locally available or desired channel numbers and skips over any unwanted channel numbers.

Remote Sensor Window • A window or opening found on the Television control panel through which infrared remote control command signals are received.

Second Audio Program (SAP) • Another or additional audio channel provided for in the Multichannel Television Sound (MTS) broadcast standard. The most frequently proposed use for SAP is the simultaneous bilingual broadcast of TV program material.

Status/Exit • Allows the user to quickly confirm what channel number is currently being viewed. Status can also be used to clear the Television of on screen displays or information (rather than waiting for the displays to "time out" or automatically disappear from the screen).

Twin Lead Wire • The more commonly used name for the two strand 300 Ohm antenna wire used with many indoor and outdoor antenna systems. In many cases this type of antenna wire requires an additional adapter (or balun) in order to connect to the 75 Ohm Input terminals designed into the more recent Televisions and VCRs.

SmartLock • Allows you to block or censor channels or programming that you may find objectionable. Program advisory content data (i.e., movie ratings, TV ratings) is supplied by broadcasters during the broadcasting of programs. The TV can detect the data and block the programs if desired.

SmartClock • An accurate digital clock. By monitoring the vertical blanking interval of PBS broadcasts, TVs equipped with SmartClock can automatically set the right time of day and maintain it through brownouts, power failures, and even Daylight Savings Time adjustments.

Index

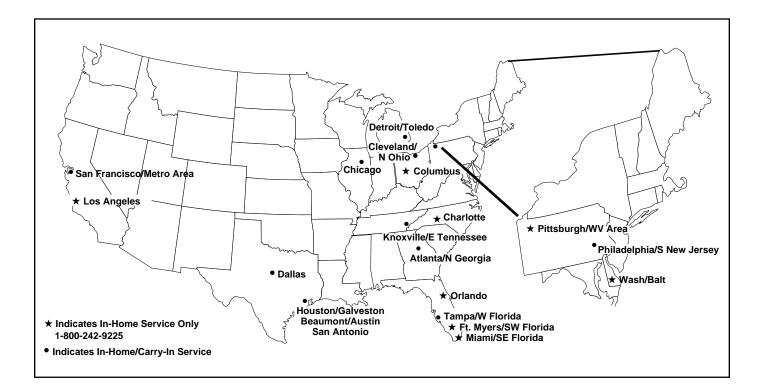
Accessories/Optional	.42, 46, *Q/U-1	I
Adapter Connector	42, *Q/U-1	I
Add/Delete Channels	*Q/U-3	1
Audio/Video Jack panel	30-32, 42, 46-47	1
AVL (Automatic Volume Leveler)		I
Balance Control		I
Bass Control		I
Battery Installation	*Q/U-4	I
Cable Converter Direct Entry Code List		S
Cable TV Connections/Settings	46, *Q/U-1-2	S
Channel (Name) Display	*Q/U-3	5
Channel Memory	*Q/U-2	5
Closed Captioning		S
Contrast + Control		S
Controls/Remote	33-41, *Q/U-4	5
Controls/TV	*Q/U-4	5
Features		S
Glossary TV Terms		5
Incredible Stereo Control		5
Inputs/Audio and Video		S
Language Option	*Q/U-2	S
Memory/Program Channels	*Q/U-2	5
Menu Button		5
Minus(-)/Plus (+) Buttons	*Q/U-4	-
On Timer Channel Control		-
On Timer Control		1
On Timer Display		1
On Timer Start Time		1
Picture Controls		1

Picture Noise Reduction
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Programming Channels*Q/U-2
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Remote Control Direct Entry Code List
Remote Control with Accessory Equipment
Requesting Service
RF Coaxial Cable*Q/U-1
Safety/Precautions
Satellite Receiver Direct Entry Code List
Second Audio Program
Sensor Remote*Q/U-4
Set Up/First Time Use*Q/U-1, 2, 3, 4
Sleep Timer
SmartLock Access Code
SmartLock Block Channel
SmartPicture Control
SmartSound Control
Status/Exit Button*Q/U-4
Stereo
Surf
Tips for Service
Treble Control
Tuner Control*Q/U-2
TV Speaker Control
VCR Buttons
VCR/TV Connections
Volume Bar Control
Warranty

* Information contained in Quick-Use (Q/U) Guide-page listed.

Philips Consumer Electronics Company

Factory Service Center Locations



NOTE: If you reside in one of our Philips Factory Service Branch areas (see directory on back), you can contact the nearest Service Branch to obtain efficient and expedient repair for your product. If your product is In-Warranty, you should have proof-of-purchase to ensure No Charge Service. For Out-of-Warranty service, call the location nearest you.

NOTA: Si vous résidez dans une des régions desservies par une succursale de service après vente du fabricant Philips (voir liste ci-dessous), vous pourrez contacter la branche de service après vente la plus près de chez vous pour obtenir un service après vente rapide et efficace. Si le produit est sous garantie, il suffira de présenter une preuve d'achat pour bénéficier d'un service sans frais. Pour les produits non couverts par la garantie, contactez le centre le plus près de chez vous.

NOTA: Si Ud. reside en una de nuestras zonas para sucursales Philips de servicio al de fábrica (ver directorio más abajo), Ud. puede comunicarse con la sucursal de servicio más cercana para obtener una reparación oportuna y eficaz de su producto. Si su producto está todavía bajo garantía, Ud. debe presentar comprobante de compra para no ocasionar ningunos cargos por servicio. Para servicio después del vencimiento de la garantía, llame al lugar más cercano de los abajo indicados.

In Canada

How you can obtain efficient and expedient carry-in, mail-in, or in-home service for your product Please contact Philips at 1-800-661-6162 (French speaking) 1-800-363-7278 (English speaking)

<u>Au Canada</u>

Comment obtenir le service après-vente pour les produits apportés ou envoyés par la poste à notre centre de service ou le service à domicile Veuillez contacter philips á: 1-800-661-6162 (Francophone) 1-800-363-7278

<u>En el Canadá</u>

Cómo recibir servicio efficiente para su producto, en persona, por correo o a domicillo Favor de comunicarse con Philips al: 1-800-661-6162 (francófono) 1-800-363-7278 (anglófono)

EL4482-3 Rev. AA 3135 015 07541

Quality service is as close as your telephone! Simply look over the list below for the number of a Factory Service Center Near you. Your product will receive efficient and expedient carry-in, mail-in, or in-home service, and you will receive peace of mind, knowing your product is being given the expert attention of Philips' Factory Service. And, if the phone number listed for your area is long distance, call **1-800-242-9225** for Factory Service.

COMMENT OBTENIR NOTRE SERVICE APRÈS VENTE RAPIDE ET EFFICACE SOIT PAR COURRIER, À DOMICILE, OU EN SE PRÉSENTANT À UN CENTRE DE SERVICE PHILIPS. PLUS DE 600 CENTRES DE RÉCEPTION DE PRODUITS À RÉPARER À TRAVERS LE PAYS: CONTACTER LE CENTRE DE SERVICE AUX CONSOMMATEURS LE PLUS PROCHE POUR SAVOIR L'EMPLACEMENT DE CES DÉPÔTS DANS UN RAYON DE 50 À 75 MILES (80 KM À 120 KM) DU CENTRE DE SERVICE LOCAL.

CÓMO OBTENER UN SERVICIO OPORTUNO Y EFICIENTE POR CORREO, EN CASA O EN PERSONA PARA SU PRODUCTO A TRAVÉS DE UN CENTRO PHILIPS DE SERVICIO. MAS DE 600 SITIOS POR TODO EL PAIS PARA LA RECEPCION DE PRODUCTOS NECESITADOS DE REPARACIONES: COMUNICARSE CON EL CENTRO DE SERVICIO DE FABRICA MAS CERCANO PARA ESTOS LUGARES DENTRO DE UN RADIO DE 80 A 120 KM (50 A 75 MILLAS) DEL CENTRO DE SERVICIO LOCAL.

GEORGIA

Philips Factory Service of Georgia 200 N. Cobb Pkwy., Suite 120 Marietta, GA 30062 (770) 795-0085

FLORIDA

Philips Factory Service of Florida 1911 US Highway 301 North Tampa, FL 33619 (813) 621-8181

WESTERN U.S.A.

Philips Factory Service Western Region 681 East Brokaw Rd. San Jose, CA 95112 (408) 436-8566

TEXAS

Philips Factory Service of Texas 1110 N. Post Oak Rd., Suite 100 Houston, TX 77055 (713) 682-3990

CENTRAL U.S.A.

Philips Factory Service Central US 950 Keynote Circle Brooklyn Heights, OH 44131 (216) 741-3334

MICHIGAN

Philips Factory Service of Michigan 25173 Dequindre Madison Heights, MI 48071 (248) 544-2110

DALLAS AREA

Philips Factory Service of Dallas 415 N. Main Street, #107 Euless, TX 76040 (713) 682-3990

ILLINOIS

Philips Factory Service of Illinois 1279 W. Hamilton Pkwy. Itasca, IL 60143 (630) 775-0990

TENNESSEE

Philips Factory Service of East Tennessee 6700 D Papermill Rd. Knoxville, TN 37919 (423) 584-6614

MID-ATLANTIC

Philips Factory Service Mid-Atlantic 352 Dunks Ferry Rd. Bensalem, PA 19020 (215) 638-7500

COLOR TELEVISION

90 Days Free Labor

One Year Free Replacement of Parts (Two Years Free Replacement on Color Picture Tube)

This product can be repaired in-home.

WHO IS COVERED?

You must have proof of purchase to receive warranty service. A sales receipt or other document showing that you purchased the product is considered proof of purchase.

WHAT IS COVERED?

Warranty coverage begins the day you buy your product. *For 90 days thereafter,* all parts will be repaired or replaced free, and labor is free. From 90 days to one year from the day of purchase, all parts will be repaired or replaced free, but you pay for all labor charges. From one to two years from the day of purchase, you pay for the replacement or repair of all parts except the picture tube, and for all labor charges. After two years from the day of purchase, you pay for the replacement or repair of all parts, and for all labor charges.

All parts, including repaired and replaced parts, are covered only for the original warranty period. When the warranty on the product expires, the warranty on all replaced and repaired parts also expires.

WHAT IS EXCLUDED?

Your warranty does not cover:

- labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- product repair and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Philips Consumer Electronics Company.
- reception problems caused by signal conditions or cable or antenna systems outside the unit.
- a product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)
- · a product used for commercial or institutional purposes.

WHERE IS SERVICE AVAILABLE?

Warranty service is available in all countries where the product is officially distributed by Philips Consumer Electronics Company. In countries where Philips Consumer Electronics Company does not distribute the product, the local Philips service organization will attempt to provide service (although there may be a delay if the appropriate spare parts and technical manual(s) are not readily available).

MAKE SURE YOU KEEP...

Please keep your sales receipt or other document showing proof of purchase. Attach it to this owner's manual and keep both nearby. Also keep the original box and packing material in case you need to return your product.

BEFORE REQUESTING SERVICE...

Please check your owner's manual before requesting service. Adjustments of the controls discussed there may save you a service call.

TO GET WARRANTY SERVICE IN U.S.A., PUERTO RICO OR U.S. VIRGIN ISLANDS...

Contact a Philips factory service center (see enclosed list) or authorized service center to arrange repair.

(In U.S.A., Puerto Rico and U.S. Virgin Islands, all implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. But, because some states do not allow limitations on how long an implied warranty may last, this limitation may not apply to you.)

TO GET WARRANTY SERVICE IN CANADA...

Please contact Philips at:

1-800-894-5463 1-800-363-7278

(In Canada, this warranty is given in lieu of all other warranties. No other warranties are expressed or implied, including any implied warranties of merchantability or fitness for a particular purpose. Philips is not liable under any circumstances for any direct, indirect, special, incidental or consequential damages, howsoever incurred, even if notified of the possibility of such damages.)

REMEMBER...

Please record the model and serial numbers found on the product below. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.

MODEL #

SERIAL #

This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.

Philips Consumer Electronics Company, P.O. Box 2976, Longview, Texas 75606, (903) 242-4800